

文献验证可与Wako透明化试剂配合使用的抗体列表

Antigen	Dilution (vol. antibody soln : vol. buffer)	Tissue type	Tissue thickness (mm)	Vendor	Catalog number	References
2',3'-cyclic nucleotide 3'-phosphodiesterase (CNPase)	1:300	Mouse brain	1	Millipore	MAB326	Lee et al, Scientific Reports 2016; Saul et al, Genome Research 2017
				Sigma	c5922	Lee et al, Scientific Reports 2016
Acetylated tubulin	1:500	Mouse brain; mouse testis; mouse lung	1	Sigma	T7451	Lee et al, Scientific Reports 2016
Active caspase-3	1:500	Mouse brain	1	Cell Signaling Technology	9661	Lee et al, Scientific Reports 2016
Alpha-adducin	1:200			Abcam	ab51130	Treweek et al, Nature Protocols 2015
Alpha-smooth muscle actin	1:50	Mouse pancreas	1+	Abcam	ab5694	Lee et al, BMC Develop. Bio. 2014
	1:200-1:300	Mouse mammary gland	1	Abcam	ab5694	Lloyd-Lewis et al, Breast Cancer Res.2016
Alpha-synuclein	1:50	Human brain	3	Becton Dickinson	610787	Liu et al, Neurobiol. Appl. Neurobiol. 2016
Anti-Mullerian hormone (AMH)	1:50	Mouse ovary		Santa Cruz Biotechnology	sc-6886	Feng et al, Scientific Reports 2017
Aquaporin-4 (AQP4)	1:100	Mouse intestine		Santa Cruz Biotechnology	sc-20812	Neckel et al, Scientific Reports 2016
Aromatase (CYP19)	1:50	Mouse ovary		Abcam	ab35604	Feng et al, Scientific Reports 2017
B-cell lymphoma-2 (Bcl-2)	1:250	Mouse brain	1	Santa Cruz Biotechnology	sc-7382	Lee et al, Scientific Reports 2016
Beta-amyloid	1:100	Mouse brain	1	Cell Signaling Technology	2454	Murray et al, Cell 2015
Beta-amyloid (A beta) 4G8		Human brain	0.5	Covance		Ando et al, Acta Neuropath. 2014
Beta-catenin	1:500	Mouse brain	1	Becton Dickinson	610153	Lee et al, Scientific Reports 2016
Beta-spectrin II	1:200			BD Biosciences	612563	Treweek et al, Nature Protocols 2015
Beta-tubulin	1:200			Santa Cruz Biotechnology	sc-9104	Treweek et al, Nature Protocols 2015
Beta-tubulin III (Tuj1)	1:350	Mouse brain	1	Covance	MMS-435 P	Lee et al, Scientific Reports 2016
	1:100-1:300	Mouse brain; mouse spinal cord	1	Sigma	T8660, T2200	Lee et al, Scientific Reports 2016; Lai et al, PLoS One 2016
	1:400	Mouse intestine; human intestine		Covance	PRB-435P	Neckel et al, Scientific Reports 2016
	1:1000	Organoid		Promega	G712A	Lee et al, Neuropsychopharmacology 2017
	1:50	Mouse ovary		Abcam	ab18207	Feng et al, Scientific Reports 2017
	1:100	Mouse pancreas; human pancreas	1+	Millipore	MAB1637	Hsueh et al, Scientific Reports 2017
BH interacting domain death agonist (BID)	1:25	Mouse ovary		Santa Cruz Biotechnology	sc-292494	Feng et al, Scientific Reports 2017
Brain-derived neurotrophic factor (BDNF)	1:50	Mouse ovary		Abcam	ab72439	Feng et al, Scientific Reports 2017
c-Fos	1:500	Mouse brain	1	Santa Cruz Biotechnology	sc-253	Lee et al, Scientific Reports 2016

C-Kit	1:200	Mouse intestine		Dako	A4502	Neckel et al, Scientific Reports 2016
Calbindin (CB)	1:500	Mouse brain	0.5	Swant	CB-38	Unal et al, J. Neurosci. 2015
	1:100	Mouse brain	1	Cell Signaling Technology Abcam	13176 ab11426	Murray et al, Cell 2015 Murray et al, Cell 2015
Calbindin D-28k	1:100-1:500	Mouse brain	0.25-1	Swant	300	Lee et al, Scientific Reports 2016; Phillips et al, Scientific Reports 2016
Calcitonin gene-related peptide (CGRP)	1:300	Mouse brain	1	Abcam	ab36001	Lee et al, Scientific Reports 2016
Calretinin	1:100	Mouse brain	0.5	Swant	7699/3H	Unal et al, J. Neurosci. 2015
	1:500	Mouse brain	1	Swant	7697	Lee et al, Scientific Reports 2016
	1:800	Mouse brain	1	Millipore	AB5054	Lee et al, Scientific Reports 2016
Caveolin	1:300	Mouse brain	1	Abcam	ab18199	Lee et al, Scientific Reports 2016
CD 31	1:50-1:100	Mouse intestine; mouse pancreas; human pancreas	1+	Abcam	ab28364	Neckel et al, Scientific Reports 2016; Hsueh et al, Scientific Reports 2017
	1:100	Mouse spinal cord; mouse embryo; rat brain	4	Santa Cruz Biotechnology		Woo et al, Exp. Mol. Med. 2016
	1:500	Mouse brain	1	Becton Dickinson	557355	Lee et al, Scientific Reports 2016
CD133	1:500	Mouse brain	1	Millipore	MAB4310	Lee et al, Scientific Reports 2016
CD34	1:100	Mouse spleen		Santa Cruz Biotechnology	sc-9095	Epp et al, eNeuro 2015
CD8-PE	1:100	Mouse colon; mouse reproductive tract		BioLegend		Kieffer et al, eLife 2017
Choline acetyltransferase (ChAT)	1:50-1:200	Mouse brain	0.5-1	Millipore	AB144P	Chung et al, Nature 2013; Tomer et al, Nature Protocols 2014; Unal et al, J. Neurosci. 2015; Lee et al, Scientific Reports 2016
	1:100	Mouse intestine		Chemicon International	AB144P	Neckel et al, Scientific Reports 2016
Collagen type III	1:300	Mouse brain	1	Abcam	ab7778	Lee et al, Scientific Reports 2016
Collagen type IV	1:300	Mouse brain; mouse kidney; human spinal cord	1	Abcam	ab6586	Lee et al, Scientific Reports 2016
	1:100	Mouse lung Mouse pancreas; human pancreas	1+	Millipore Millipore	AB756P MAB8201	Epp et al, eNeuro 2015 Hsueh et al, Scientific Reports 2017
Collagen type IX	1:20	Chicken embryo foot		DSHB	2C2	Botelho et al, J. Exp. Zool. 2017
Complex IV subunit I (COX1)	1:100	Mouse brain; human brain	0.25	Abcam	ab14705	Phillips et al, Scientific Reports 2016
Complex IV subunit IV (COX4)	1:100	Mouse brain; human brain	0.25	Abcam	ab14744	Phillips et al, Scientific Reports 2016
Ctip2	1:800	Mouse brain	1	Abcam	ab18465	Lee et al, Scientific Reports 2016
Cut-like homeobox-1 (Cux1)	1:150	Mouse brain	1	Santa Cruz Biotechnology	sc-13024	Lee et al, Scientific Reports 2016
Cytokeratin	1:400	Mouse intestine		Dako	Z0622	Neckel et al, Scientific Reports 2016

Cytokeratin-19 (CK19)	1:100	Mouse liver	1+	Development al Studies Hybridoma Bank	Troma-III	Font-Burgada et al, Cell 2015
Cytokeratin-20 (CK20)	1:100	Mouse pancreas; human pancreas	1+	Dako	Ks20.8	Hsueh et al, Scientific Reports 2017
Cytokeratin-7 (CK7)	1:100	Mouse pancreas; human pancreas	1+	Dako	OV-TL 12/30	Hsueh et al, Scientific Reports 2017
Cytokeratin-8	1:50-1:200	Mouse mammary gland	1	Development al Studies Hybridoma Bank	Troma-I	Lloyd-Lewis et al, Breast Cancer Res. 2016
Digoxigenin(DIG)	1:500	Mouse brain	1			Sylwestrak et al, Cell 2016
Dopamine transporter (DAT)	1:500	Mouse brain	0.3	Millipore	MAB369	Stout et al, ACS Chem Neuro 2016
Dopamine- and cAMP-regulated neuronal phosphoprotein (DARPP-32)	1:1000	Mouse brain	1	Cell Signaling Technology	19A3	Poguzhelskaya et al, Mol. Neurodeg. 2014
Doublecortin (DCX)	1:500	Mouse brain	1	Santa Cruz Biotechnology	sc-8066	Lee et al, Scientific Reports 2016
DsRed	1:300-1:500	Mouse brain; Xenopus brain; Zebrafish	3	Clontech Laboratories	632496	Plummer et al, Development 2015; Fini et al, Scientific Reports 2017; Passoni et al, Disease Models and Mech. 2017
Dystrophin	1:100	Mouse skeletal muscle		Abcam	ab15277	Verma et al, Skeletal Muscle Reg. in the Mouse 2016
E-Cadherin	1:50-1:200	Mouse mammary gland; mouse embryonic epididymis; mouse embryonic kidney; mouse embryonic lung	1	Cell Signaling Technology	3195	Lloyd-Lewis et al, Breast Cancer Res. 2016; Hirashima and Adachi, PLoS One 2015
	1:50-1:300	Mouse mammary gland; Zebrafish; rat kidney	1-1.5	Becton Dickinson	610182	Lloyd-Lewis et al, Breast Cancer Res. 2016; Cronan et al, Immunity 2016; Unnersjo-Jess et al, Kidney International 2016
Epidermal growth factor receptor (EGFR)	1:500	Mouse brain	1	Abcam	ab2430	Lee et al, Scientific Reports 2016
ER81	1:100	Mouse brain	1	Covance	PRB-362C	Murray et al, Cell 2015
Estrogen related receptor alpha (ERR-alpha)		Mouse brain	0.2	Santa Cruz Biotechnology	sc-66882	Saul et al, Genome Research 2017
Excitatory amino acid transporter-2 (EAAT2)	1:100	Mouse brain	1	Abcam	ab178401	Murray et al, Cell 2015
Forkhead box protein P2 (FOXP2)	1:100	Mouse brain	1	Abcam	ab1307	Murray et al, Cell 2015
Gamma-aminobutyric acid (GABA)	1:500	Mouse brain	1	Sigma	A2052	Lee et al, Scientific Reports 2016

Glial fibrillary acidic protein (GFAP)	1:50-1:200	Mouse brain; human brain	0.5-2	Abcam	ab53554, ab4674	Chung et al, Nature 2013; Tomer et al, Nature Protocols 2014; Murray et al, Cell 2015; Costantini et al, Scientific Reports 2015
	1:400	Mouse brain	1	Aves	GFAP	Yang et al, Cell 2014
	1:100-1:500	Mouse brain	1	Cell Signaling Technology	3670	Murray et al, Cell 2015; Lee et al, Scientific Reports 2016
	1:800	Mouse brain	1	Abcam	ab7260	Lee et al, Scientific Reports 2016
	1:500-1:2000	Mouse brain	0.25-1	Dako	Z0334	Lee et al, Scientific Reports 2016; Perez et al, J. Clinical Investigation 2017
	1:500	Mouse brain	1	Invitrogen	130330	Lee et al, Scientific Reports 2016
	1:50-1:100	Mouse brain	1-2	Sigma		Bastrup and Larsen, J. Neuro. Methods 2017
Glucagon	1:100	Mouse pancreas; human pancreas	1+	Takara	M182	Hsueh et al, Scientific Reports 2017
Glucagon-like peptide 1 (GLP-1)	1:1500	Rat brain	2	Peninsula Laboratories	T-4363	Zheng and Rinaman, Brain Struct. Funct. 2016
Glucose transporter-1 (GLUT1)	1:800	Mouse brain	1	Abcam	ab15309	Lee et al, Scientific Reports 2016
	1:100-1:300	Mouse brain; human brain	0.25-1	Thermo Fisher	PA1-21041	Lee et al, Scientific Reports 2016; Phillips et al, Scientific Reports 2016
Glutamic acid decarboxylase-67 (GAD67)	1:100	Mouse brain	1	Abcam	ab26116	Murray et al, Cell 2015
	1:500	Mouse brain	1	Millipore	MAB5406	Lee et al, Scientific Reports 2016
Green fluorescent protein (GFP)	1:50-1:100	Mouse brain; mouse pancreas; human pancreas	0.3-1+	Life Technologies	A21311, A31851, A21312, A31852, G10362, A11122	Chung et al, Nature 2013; Tomer et al, Nature Protocols 2014; Adhikari et al, Nature 2015; Murray et al, Cell 2015; Li et al, Scientific Reports 2015; Uribe-Marino et al, Biological Psychiatry 2016; Hsueh et al, Scientific Reports 2017
	1:200-1:600	Mouse brain; Xenopus brain; Zebrafish	0.5+	Aves	GFP-1020, GFP-1010	Unal et al, J. Neurosci. 2015; Fini et al, Scientific Reports 2017; Mayrhofer et al, Disease Models and Mech. 2017; Xavier et al, J. Comparative Neurology 2017; Passoni et al, Disease Models
	1:100	Mouse lung	0.3	Novus		Saboor et al, Eur. Respir. J. 2016
	1:500-1:1000	Mouse brain	1-3	Abcam	ab13970	Plummer et al, Development 2015; Lee et al, Scientific Reports 2016
	1:300	Mouse brain	1	Abcam	ab290	Lee et al, Scientific Reports 2016
	1:200	Mouse brain	1	Millipore	AB3080	Yu et al, Scientific Reports 2017

Green fluorescent protein (GFP)	1:100	Mouse spleen		Rockland Immunochemicals	600-101-215	Murray et al, PLoS One 2017
Growth associated protein-43 (GAP43)	1:500	Mouse brain	1	Abcam	ab16053	Lee et al, Scientific Reports 2016
Heme oxygenase-1 (HO-1)	1:250	Mouse brain	1	Abcam	ab13248	Lee et al, Scientific Reports 2016
Histone H3	1:100	Mouse brain	1	Cell Signaling Technology	4499, 12230	Murray et al, Cell 2015
				Abcam	ab1791	Murray et al, Cell 2015; Kim et al, PNAS 2015
HIV-1 p24	1:200	Mouse colon; mouse reproductive tract		Dako		Kieffer et al, eLife 2017
HuC/D	1:50	Mouse intestine		Molecular Probes	A-21271	Neckel et al, Scientific Reports 2016
Human CD3	1:200	Mouse colon; mouse reproductive tract		Dako		Kieffer et al, eLife 2017
Human CD4	1:50	Mouse colon; mouse reproductive tract		Invitrogen		Kieffer et al, eLife 2017
Inositol 1,4,5-triphosphate 3-kinase A (IP3KA)	1:500	Mouse brain	1	Santa Cruz Biotechnology	sc-11206	Lee et al, Scientific Reports 2016
Insulin	1:100-1:500	Human pancreas; mouse pancreas	2	Dako	A0564	Treweek et al, Nature Protocols 2015; Hsueh et al, Scientific Reports 2017
Integrin b4	1:200	Mouse kidney; mouse heart; mouse lung	1	Santa Cruz Biotechnology	sc-9090	Yang et al, Cell 2014
Integrin b5	1:200	Mouse kidney; mouse heart; mouse lung	1	Santa Cruz Biotechnology	sc-14010	Yang et al, Cell 2014
Ionized calcium-binding adaptor molecule-1 (Iba1)	1:200	Mouse brain	1	Biocare Medical	CP 290A	Yang et al, Cell 2014
	1:50-1:500	Mouse brain; human brain	1	Wako	019-19741	Murray et al, Cell 2015; Liu et al, Neuropath. Appl. Neurobiol. 2016; Lee et al, Scientific Reports 2016
Keratin-5	1:100	Mouse mammary gland	1	BioLegend	905501	Lloyd-Lewis et al, Breast Cancer Res. 2016
Ki67	1:100	Mouse brain	1	Abcam	ab16667	Murray et al, Cell 2015
Laminin	1:100-1:500	Mouse brain; mouse liver; mouse skeletal muscle	1	Sigma	L9393	Lee et al, Scientific Reports 2016; Verma et al, Skeletal Muscle Regen. in the Mouse 2016
	1:100	Mouse skeletal muscle		Sigma	L0663	Verma et al, Skeletal Muscle Regen. in the Mouse 2016
		Mouse pancreas; human pancreas	1+	Millipore	ab2034	Hsueh et al, Scientific Reports 2017
Lectin	1:50	Mouse skeletal muscle		Vector Labs	DL-1174, DL-1177	Verma et al, Skeletal Muscle Regen. in the Mouse 2016
mCherry	1:150	Mouse nasal septum		Acris		Schnittke et al, PNAS 2015
MelanA	1:100	Mouse pancreas; human pancreas	1+	Dako	A103	Hsueh et al, Scientific Reports 2017
Microtubule-associated protein-2 (MAP2)	1:50	Mouse brain	1	Abcam	ab32454	Chung et al, Nature 2013; Tomer et al, Nature Protocols 2014

Microtubule-associated protein-2 (MAP2)	1:100	Mouse brain	1	Cell Signaling Technology	8707	Murray et al, Cell 2015
				Covance	PCK-554P	Murray et al, Cell 2015
	1:100-1:500	Mouse brain; mouse spinal cord	1	Millipore	MAB3418, AB5622	Lee et al, Scientific Reports 2016; Lai et al, PLoS One 2016
	1:350	Mouse brain	1	Cell Signaling Technology	4542	Lee et al, Scientific Reports 2016
Microtubule-associated protein-2B (MAP2B)	1:300	Mouse brain	1	Becton Dickinson	610460	Lee et al, Scientific Reports 2016
Myelin basic protein (MBP)	1:50-1:300	Mouse brain; human brain	0.5-1	Aves	MBP	Chung et al, Nature 2013; Tomer et al, Nature Protocols 2014; Murray et al, Cell 2015; Lee et al, Scientific Reports 2016
	1:100	Mouse brain	1	Abcam	ab7349, ab24567, ab134018	Murray et al, Cell 2015
	1:500	Mouse brain	1	Abcam	ab40390	Lee et al, Scientific Reports 2016
	1:50	Mouse brain	6	Millipore		Chang et al, NeuroImage 2017
	1:500	Mouse brain; human brain	0.25	BioLegend	836502	Phillips et al, Scientific Reports 2016
	1:200	Mouse brain	0.2	Santa Cruz Biotechnology	sc-13914	Treweek et al, Nature Protocols 2015
N-terminal EF-hand calcium-binding protein-1 (NECAB1)	1:100	Mouse spinal cord	1+	Atlas Antibodies AB	HPA0236 29	Zhang et al, PNAS 2014
NDUFA13	1:100	Mouse brain; human brain	0.25	Abcam	ab110240	Phillips et al, Scientific Reports 2016
NDUFB8	1:100	Human brain	0.25	Abcam	ab110242	Phillips et al, Scientific Reports 2016
Nephrin	1:100	Rat kidney	1-1.5	Santa Cruz Biotechnology	sc-19000	Unnersjo-Jess et al, Kidney International 2016
Nestin	1:500	Mouse brain	1	Millipore	MAB353	Lee et al, Scientific Reports 2016
Neural cell adhesion molecule (NCAM)	1:250	Mouse brain	1	Millipore	AB5032	Lee et al, Scientific Reports 2016
Neurofilament	1:100	Human brain	0.5	Dako	M0762	Ando et al, Acta Neuropath. 2014; Lai et al, PLoS One 2016
Neurofilament 160 kDa	1:100	Mouse brain; human brain	0.5-1	Aves	NFM	Chung et al, Nature 2013; Tomer et al, Nature Protocols 2014
		Mouse brain	1	Abcam	ab92539, ab7794, ab64300	Murray et al, Cell 2015
Neurofilament 200 kDa	1:100	Mouse brain; human brain	0.5-1	Aves	NFH	Chung et al, Nature 2013; Tomer et al, Nature Protocols 2014
		Mouse brain	1	Abcam	ab4680, ab8135	Murray et al, Cell 2015
Neurofilament 2F11	1:50-1:100	Mouse brain; rat brain; human brain	3	Agilent	M0762	Liu et al, Neuropathol. Appl. Neurobiol. 2016
Neurofilament 68 kDa	1:100	Mouse brain; human brain	0.5-1	Aves	NFL	Chung et al, Nature 2013; Tomer et al, Nature Protocols 2014
Neurofilament H	1:100-1:300	Mouse brain	1	Cell Signaling Technology	2836BF	Murray et al, Cell 2015; Lee et al, Scientific Reports 2016
Neurofilament H 200 kDa	1:200	Mouse brain; human brain	0.25	Millipore	AB5539	Phillips et al, Scientific Reports 2016

Neurofilament H SMI-32	1:500	Mouse brain; human spinal cord	1	Covance	SMI-32R	Lee et al, Scientific Reports 2016
Neurofilament L	1:100	Mouse brain	1	Cell Signaling Technology	2837	Murray et al, Cell 2015
Neurofilament M (NFM)	1:500	Mouse brain	1	Santa Cruz Biotechnology	sc-51683	Lee et al, Scientific Reports 2016
Neurofilament SMI-31	1:1000	Mouse brain	0.25	BioLegend	801601	Phillips et al, Scientific Reports 2016
Neurofilament SMI-312P	1:100	Mouse brain	1	Covance	SMI-312P	Murray et al, Cell 2015
Neurofilament SMI-312R	1:100	Mouse brain	1	Covance	SMI-312R	Murray et al, Cell 2015
Neuron-glia antigen-2 (NG2)	1:500	Mouse brain	1	Millipore	AB5320	Lee et al, Scientific Reports 2016
Neuronal class III beta-tubulin	1:100	Mouse brain	1	Covance	PRB-435P	Murray et al, Cell 2015
Neuronal nuclei (NeuN)	1:100	Mouse brain	1	Abcam	ab104225, ab177487	Murray et al, Cell 2015
				Cell Signaling Technology	12943	Murray et al, Cell 2015
				Covance	SIG-39860	Murray et al, Cell 2015
	1:500	Mouse brain	1	Millipore	MAB377	Lee et al, Scientific Reports 2016
1:50-1:100	Mouse brain	1-2	Sigma		Bastrup and Larsen, J. Neuro. Methods 2017	
Neuronal PAS domain protein 4 (NPAS4)	1:3000	Mouse brain	2			Ye et al, Cell 2016
Neuropeptide Y (NPY)	1:500	Rat brain	2+	Millipore	AB1583	Zheng and Rinaman, Brain Struct. Funct. 2016
	1:100	Mouse brain	1	Cell Signaling Technology	11976	Murray et al, Cell 2015
Nitric oxide synthase-1 (NOS1)	1:250	Mouse brain	1	Santa Cruz Biotechnology	sc-648	Lee et al, Scientific Reports 2016
	1:400	Mouse intestine		Research & Diagnostic Antibodies	AS-1657	Neckel et al, Scientific Reports 2016
Olfactory marker protein (OMP)	1:250	Mouse brain	1	Thermo Fisher	OSP0000 1W	Lee et al, Scientific Reports 2016
Oligodendrocyte lineage transcription factor 2 (Olig2)	1:300	Mouse brain	1	Millipore	AB9610	Lee et al, Scientific Reports 2016
Oligodendrocyte marker O4 (O4)	1:250	Mouse brain	1	IBL	JP-18953	Lee et al, Scientific Reports 2016
Oligodendrocyte marker O4 (O4)	1:250	Mouse brain	1	Millipore	MAB345	Lee et al, Scientific Reports 2016
Pan-axonal neurofilament SMI-312	1:500	Mouse brain	0.2	BioLegend	SMI-312	Treweek et al, Nature Protocols 2015
Pan-cytokeratin (AE1/AE3)	1:100	Human tumor	3	eBiosciences	53-9003	Yang et al, Cell 2014
Parvalbumin (PV)	1:50-1:100	Mouse brain; human brain; mouse pancreas; human pancreas	0.5-2	Abcam	ab32895, ab11427, ab64555	Chung et al, Nature 2013; Tomer et al, Nature Protocols 2014; Murray et al, Cell 2015; Costantini et al, Scientific Reports 2015; Yu et al, Scientific Reports 2017; Hsueh et al, Scientific Reports 2017
	1:100-1:200	Mouse brain	0.25-1	Swant	PVG-214, 235, PV27	Unal et al, J. Neurosci. 2015; Phillips et al, Scientific Reports 2016; Bastrup and Larsen, J. Neuro.Methods 2017

Parvalbumin (PV)	1:500	Mouse brain	0.5	Synaptic Systems	195004	Unal et al, J. Neurosci. 2015
			1	Millipore	MAB1572	Lee et al, Scientific Reports 2016
	1:200	Mouse brain	0.1	Immunostar		Sung et al, Scientific Reports 2016
	1:100	Mouse brain	1	Sigma	P3088	Bastrup and Larsen, J. Neuro. Methods 2017
Platelet-derived growth factor receptors (PDGFR)	1:500	Mouse brain	1	Becton Dickinson	558774	Lee et al, Scientific Reports 2016
Platelet-endothelial cell adhesion molecule 1 (PECAM1)	1:10	Mouse ovary		Abcam	ab28364	Feng et al, Scientific Reports 2017; Lu et al, Reproduction 2017
Podocin	1:50	Rat kidney	1-1.5	Sigma-Aldrich	P0372	Unnersjo-Jess et al, Kidney International 2016
Polysialylated neuronal cell adhesion molecule (PSA-NCAM)	1:500	Mouse brain	1	Millipore	MAB5324	Lee et al, Scientific Reports 2016
Porin	1:100	Mouse brain; human brain	0.25	Abcam	ab14734	Phillips et al, Scientific Reports 2016
Postsynaptic density protein 95 (PSD-95)	1:50-1:100	Mouse brain	0.5-1	Abcam	ab2723, ab12093	Chung et al, Nature 2013; Tomer et al, Nature Protocols 2014; Murray et al, Cell 2015
	1:500	Mouse brain	1	Invitrogen	51-6900	Lee et al, Scientific Reports 2016
	1:1000	Mouse brain	1	Pierce	MA1-045	Poguzhelskaya et al, Mol. Neurodeq. 2014
Pro-oxophysin (PS38)	1:200	Rat brain	2	ATCC	CRL-1950	Zheng and Rinaman, Brain Struct. Funct. 2016
Proliferating cell nuclear antigen (PCNA)	1:250	Mouse brain	1	Santa Cruz Biotechnology	sc-56	Lee et al, Scientific Reports 2016
Protein gene product 9.5(PGP9.5)	1:500	Mouse brain; human spinal cord	1	Upstate Biotechnology	06-570	Lee et al, Scientific Reports 2016
Red fluorescent protein (RFP)	1:300	Mouse brain	1	Abcam	ab62341	Lee et al, Scientific Reports 2016
Regulated in development and DNA damage responses-1 (REDD1)	1:250	Mouse brain	1	ProteinTech Group	10638-1- AP	Lee et al, Scientific Reports 2016
S100	1:500	Mouse brain	1	Sigma	s2532	Lee et al, Scientific Reports 2016
Serotonin	1:400	Mouse intestine		Immunostar	20080	Neckel et al, Scientific Reports 2016
	1:100	Mouse spinal cord		Millipore	ab938	Liang et al, Molecular Pain 2015
Smooth muscle actin	1:100	Mouse kidney		Santa Cruz Biotechnology	sc-53142	Epp et al, eNeuro 2015
		Mouse intestine; mouse brain; human brain	0.25-1	Dako	M0851	Neckel et al, Scientific Reports 2016; Phillips et al, Scientific Reports 2016
Smooth muscle protein 22-alpha (SM22 alpha)	1:300	Mouse brain	1	Abcam	ab14106	Lee et al, Scientific Reports 2016
Somatostatin	1:100-1:200	Mouse brain; human brain; mouse pancreas; human pancreas	0.5-1+	Peninsula	T-4103	Chung et al, Nature 2013; Tomer et al, Nature Protocols 2014; Hsueh et al, Scientific Reports 2017
	1:100	Mouse brain	1	Millipore	MAB354	Murray et al, Cell 2015

Somatostatin	1:500	Human pancreas	2	Santa Cruz Biotechnology	sc-7819	Treweek et al, Nature Protocols 2015
Special AT-rich sequence-binding protein-2 (SATB2)	1:500	Mouse brain	1	Abcam	ab34735	Lee et al, Scientific Reports 2016
Succinate dehydrogenase complex, subunit A (SDHA)	1:100	Mouse brain; human brain	0.25	Abcam	ab14715	Phillips et al, Scientific Reports 2016
Synapsin-1	1:50-1:200	Mouse brain	0.5-1	Abcam	ab64581	Chung et al, Nature 2013; Tomer et al, Nature Protocols 2014
	1:100	Mouse brain	1	Cell Signaling Technology	5297	Murray et al, Cell 2015
Synaptophysin	1:100	Mouse brain	1	Abcam	ab8049	Murray et al, Cell 2015
Tau 1	1:50	Mouse brain	3	Millipore	MAB3420	Lee et al, BMC Develop. Bio. 2014
Tau B19		Human brain	0.5	Covance		Ando et al, Acta Neuropath. 2014
Tight junction protein-1 (ZO-1)	1:100	Mouse intestine; human intestine		Thermo Fisher	33-9100	Neckel et al, Scientific Reports 2016
Trombospondin 4	1:500	Mouse brain	1	R&D Systems	AF3074	Lee et al, Scientific Reports 2016
Tropomyosin receptor kinase A (TrkA)	1:500	Mouse brain; rat embryo	1	R&D Systems	AF1056	Lee et al, Scientific Reports 2016
Tyrosine hydroxylase (TH)	1:50-1:100	Mouse brain; human brain; zebrafish brain; mouse ovary	0.5-5	Abcam	ab113, ab51191, ab134461, ab75875, ab41528, ab112, ab76442	Chung et al, Nature 2013; Tomer et al, Nature Protocols 2014; Murray et al, Cell 2015; Feng et al, Scientific Reports 2017; Lu et al, Reproduction 2017; Romanov et al, Nature Neurosci. 2017
		Human brain; mouse spleen	3	Millipore	AB152	Liu et al, Neuropathol. Appl. Neurobiol. 2016; Lai et al, PLoS One 2016; Murray et al, PLoS One 2017
	1:300-1:600	Mouse brain; rat brain; zebrafish brain; Xenopus brain	1-2+	Millipore	AB152, MAB318	Lee et al, Scientific Reports 2016; Zheng and Rinaman, Brain Struct. Funct. 2016; Xavier et al, J. Comparative Neurology 2017
	1:400	Mouse brain	1	Aves	TYH	Yang et al, Cell 2014
		Mouse intestine		Immunostar	22941	Neckel et al, Scientific Reports 2016
	1:100	Mouse brain	1	Covance	MMS-521 0, PRB-515P	Murray et al, Cell 2015
	1:250	Mouse brain	1	Santa Cruz Biotechnology	sc-14007	Lee et al, Scientific Reports 2016
1:50	Mouse brain	1	Calbiochem		Nordstrom et al, Neurobio. Disease 2015	
Vascular endothelial growth factor (VEGF)	1:50	Mouse ovary		Abcam	ab46154	Feng et al, Scientific Reports 2017
Vasoactive intestinal peptide (VIP)	1:100	Mouse brain	1	Immunostar	20077	Murray et al, Cell 2015
Vesicular glutamate transporter-1 (VGLut1)	1:500	Mouse brain	1	Synaptic Systems	135311	Lee et al, Scientific Reports 2016
Vimentin	1:300	Mouse brain	1	Millipore	AB1620	Lee et al, Scientific Reports 2016