

AbScale法对小鼠大脑切片(厚度1~2mm)进行直接IHC

1. AbScale Protocol

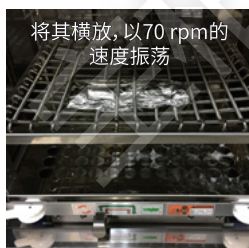
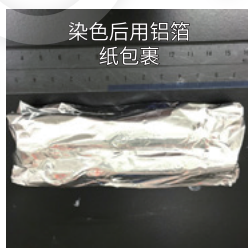
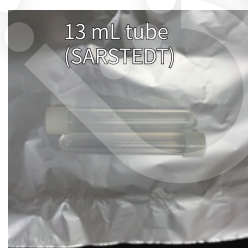
操作	试剂	
Fixation (固定)	4% PFA/PBS(-) [pH 7.6-7.8] [for Perfusion fix and 3 days-postfix (4°C)]	
Adaptation (适应)	ScaleS0 (4 hrs, 37°C)	
Permeabilization (渗透)	ScaleA2 (8 hrs, 37°C) ScaleB4(0) ¹⁾ (12 hrs, 37°C) ScaleA2 (8 hrs, 37°C)	(10 mL-scale)
DeScaling (渗透)	PBS(-) (6 hrs, 4°C)	
Blocking (封闭)	1% Blocking Reagent (Roche)/PBS(-) (2 hrs, RT)	(5 mL-scale)
Immunostaining (免疫染色)	AbScale solution ²⁾ w/ fluorescently-labeled primary Ab (24-48 hrs, 37°C)	(1.5 mL-scale)
Wash (洗涤)	AbScale solution (2 hrs, RT)	
Wash (洗涤)	AbScale solution (1 hrs, RT)	
Refixation (再固定)	4% PFA/PBS(-) (1 hr, RT)	(10 mL-scale)
Clearing (透明化)	ScaleS4 (6-8 hrs, 37°C)	
Mounting (固定封片)	ScaleS4 (RT)	

可选(可跳过)

- 1) ScaleB4(0): 8 M 尿素溶液 (配制方法: 210.24 g 尿素溶于 Milli-W 级纯水并定容至 500 mL)
2) AbScale solution: 0.33 M urea and 0.1% (wt/vol) Triton X-100 in 1X PBS(-)

2. 每步中所用到的容器

(a) 用 ScaleA2, ScaleB4(0) 进行洗涤和再固定



(b) 添加抗体进行反应

