

Materials List for:

Quantifying the Heterogeneous Distribution of a Synaptic Protein in the Mouse Brain Using Immunofluorescence

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Materials

Name	Company	Catalog Number	Comments
1.5 mL reaction tubes	Eppendorf	30120094	
50 mL reaction tubes	Greiner Bio-One	227261	
multiwell 24 well	Fisher Scientific	087721H	
plastic pipette (disposable)	Sarstedt	861,176	
1000 mL pipette	Rainin	17014382	
2 ml pipette	Eppendorf	3123000012	
Vortex Genius 3	IKA	3340001	
Menzel microscope slides	Fisher Scientific	10144633CF	
Stereoscope	Leica		
LSM800	Zeiss		Confocal microscope
freezing microtome	Leica		
PBS (10X)	Roche	11666789001	
PFA	Sigma	P6148-1kg	
NaCl	BioFroxx	1394KG001	
sucrose	neoFroxx	1104KG001	
Tissue Tek	Sakura	4583	OCT
Na ₂ HPO ₄	BioFroxx	5155KG001	
NaH ₂ PO ₄	Merck	1,063,460,500	
normal goat serum	Merck Millipore	S26-100ML	
normal donkey serum	Merck	S30-100ML	
Triton X-100	Merck	1,086,031,000	
rabbit anti-Mover	Synaptic Systems	RRID: AB_10804285	
guinea pig anti-Synaptophysin	Synaptic Systems	RRID: AB_1210382	
donkey anti-rabbit AF647	Jackson ImmunoResearch	RRID: AB_2492288	
goat anti-mouse AF488	Jackson ImmunoResearch	RRID: AB_2337438	
Mowiol4-88	Calbiochem	475904	
ZEN2 blue software	Zeiss		Microscopy software
FIJI	ImageJ		Analysis software
Microsoft Excel	Microsoft		