

Materials List for

Investigating Retinal Circuits and Molecular Localization by Pre-Embedding Immunoelectron Microscopy

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jove.com/video/66543

Materials

Name	Company	Catalog Number	Comments
1 mL syringe needle	kangdelai		
1% OsO ₄	Electron Microscopy Science	19100	
2,2,2-Tribromoethanol	Sigma-Aldrich	T48402	
8% Glutaraldehyde	Electron Microscopy Science	16020	
8% Paraformaldehyde	Electron Microscopy Science	157-8	
Acetone	Electron Microscopy Science	10000	
Anti-rabbit PKC	Sigma-Aldrich	P4334	
Anti-Rabbit SP	Abcam	ab67006	
DAB Substrate kit	MXB Biotechnologies	KIT-9701/9702/9703	
Elbow scissors	Suzhou66 vision company	54010	
Electron microscope	Phillips	CM120	
Epon resin	Electron Microscopy Science	14910	
forcep	Suzhou66 vision company	S101A	
Millipore filter paper	Merck Millipore	PR05538	
Na ₂ HPO ₄ · 12H ₂ O	Sigma	71650	A component of phosphate buffer
NaH ₂ PO ₄ · H ₂ O	Sigma	71507	A component of phosphate buffer
Picric acid	Electron Microscopy Science	19550	
Sodium borohydride (NaBH ₄)	Sigma	215511	
Tris	Solarbio	917R071	
Ultramicrotome	Leica		
Uranyl acetate	Electron Microscopy Science	22400	
VACTASTAIN ABC kit, Peroxidase (Rabbit IgG)	Vector Laboratories	PK-4001	