

Product datasheet for 75-284

Dlg2 Mouse Monoclonal Antibody [Clone ID: N18/28]

Product data:

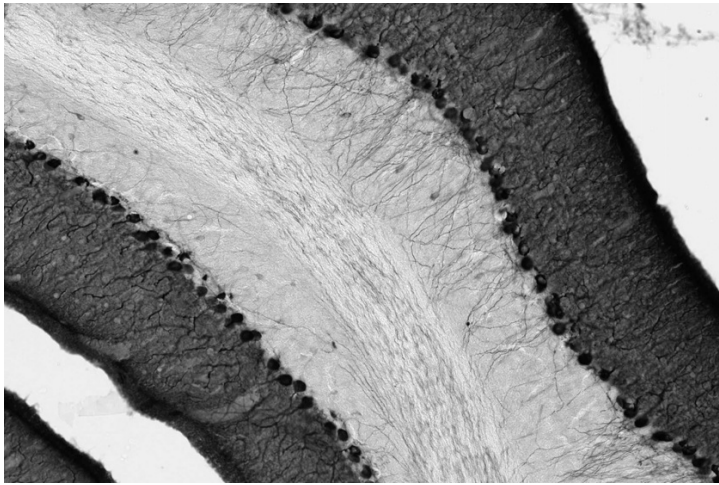
Product Type:	Primary Antibodies
Clone Name:	N18/28
Applications:	IF, IHC, WB
Recommend Dilution:	Immunoblot (IB). Immunocytochemistry (ICC). Immunohistochemistry (IHC).
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Fusion protein amino acids 1-852 (full-length) of rat Chapsyn-110 (also known as Channel associated protein of synapse-110, Postsynaptic density protein PSD-93, Disks large homolog 2, Dlg2 and Dlgh2, accession number Q63622). Mouse: 99% identity (846/852 amino acids identical). Human: 94% identity (826/870 amino acids identical). >60% identity with other MAGUK family members (SAP97/Dlg1, SAP102/Dlg3 and PSD-95/Dlg4).
Specificity:	Does not cross-react with SAP97, SAP102 or PSD-95
Formulation:	State: Purified
Gene Name:	discs large homolog 2
Database Link:	Entrez Gene 64053 Rat
Synonyms:	Disks large homolog 2, PSD-93, Chapsyn-110



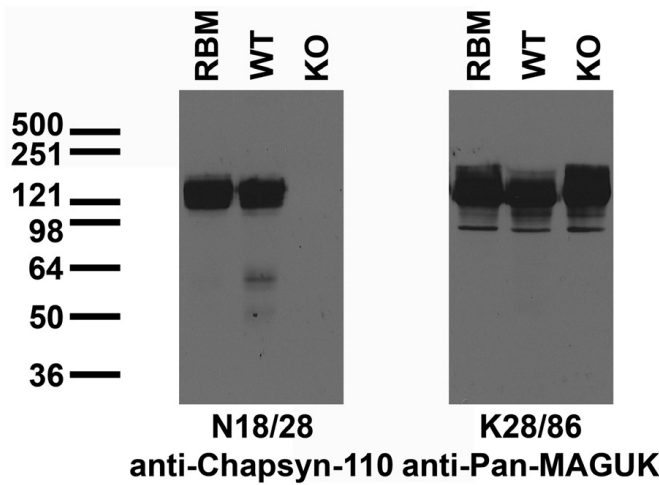
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Note: USERS will cite the UC Davis/NIH NeuroMab Facility in any publication(s) describing the research utilizing the MATERIALS. The suggested acknowledgment statement is as follows: "The monoclonal antibody _ was developed by and/or obtained from the UC Davis/NIH NeuroMab Facility, supported by NIH grant U24NS050606 and maintained by the Department of Neurobiology, Physiology and Behavior, College of Biological Sciences, University of California, Davis, CA 95616." Also, please include the complete clone number (e.g., N52A/42) and the Antibody Registry identification number (e.g., RRID:AB_2120479) to avoid ambiguity. [View Research License Agreement](#)

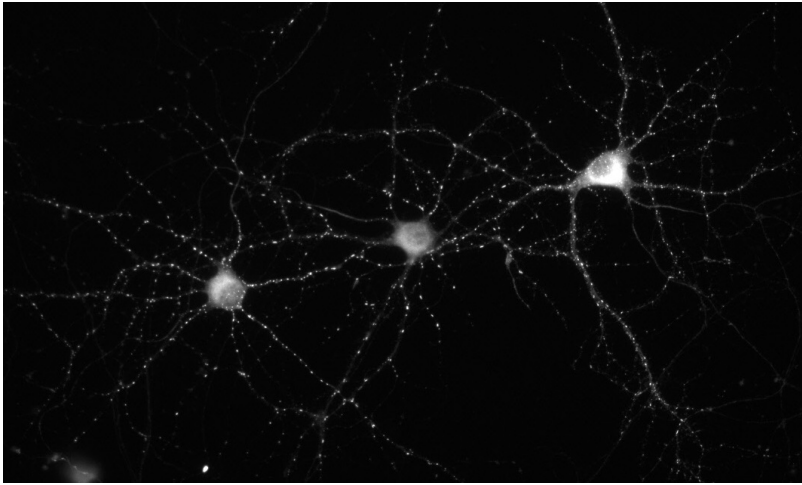
Product images:



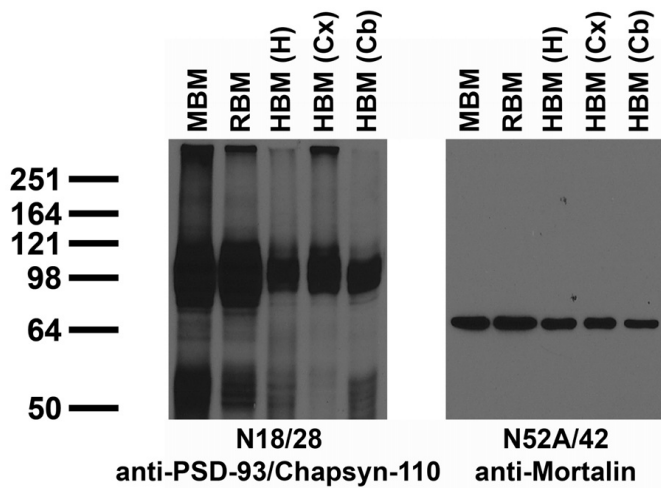
Adult rat brain cerebellum immunohistochemistry.



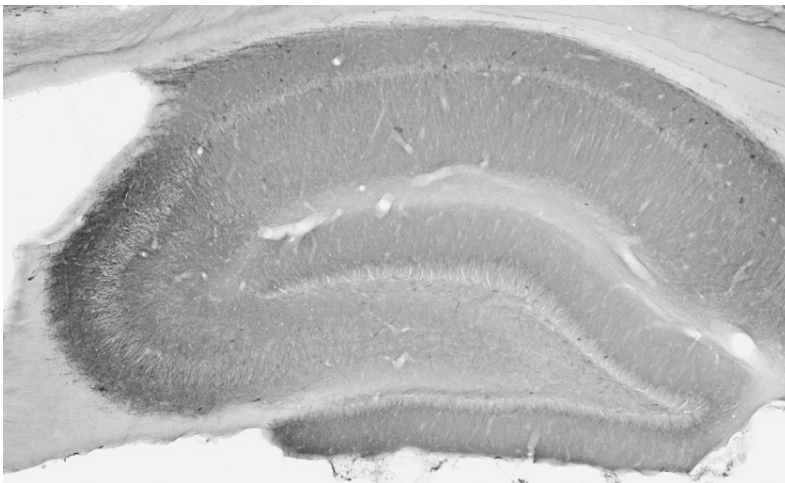
immunoblot against crude membrane preparations from adult rat brain (RBM) or hippocampi from adult wild-type (WT) or PSD-93/Chapsyn-110 knockout (KO) mice probed with N18/28 (left) or K28/86 (right) TC supe. Mouse samples courtesy of Richard Huganir (Johns Hopkins University).



Immunofluorescence staining of 14 DIV cultured rat hippocampal neurons.



Immunoblot against crude membranes from whole adult mouse brain (MBM) or rat brain (RBM) and from human hippocampus [HBM(H)], cerebral cortex [HBM(Cx)] or cerebellum [HBM(Cb)] probed with N18/28 (left) or N52A/42 (right) TC supe.



Adult rat brain hippocampus immunohistochemistry.