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Product datasheet for 73-272

Grin1 Mouse Monoclonal Antibody [Clone ID: N308/48]

Product data:

Product Type:	Primary Antibodies
Clone Name:	N308/48
Applications:	IF, IHC, WB
Recommend Dilution:	Immunoblot (IB) Immunohistochemistry (IHC) Immunocytochemistry (ICC)
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Fusion protein amino acids 42-361 (extracellular N-terminus) of rat GluN1/NR1 (also known as N-methyl-D-aspartate receptor subunit NR1, NMDAR1, NMD-R1, GRIN1, Glutamate receptor subunit zeta-1 and Glurz1, accession number P35439). Mouse: 99% identity (319/320 amino acids identical). Human: 99% identity (317/320 amino acids identical). <50% identity with other Glutamate receptors.
Formulation:	State: Supernatant
Gene Name:	glutamate ionotropic receptor NMDA type subunit 1
Database Link:	Entrez Gene 24408 Rat
Synonyms:	NMDAR1,GRIN1

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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.
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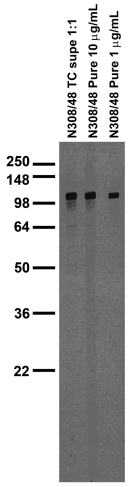
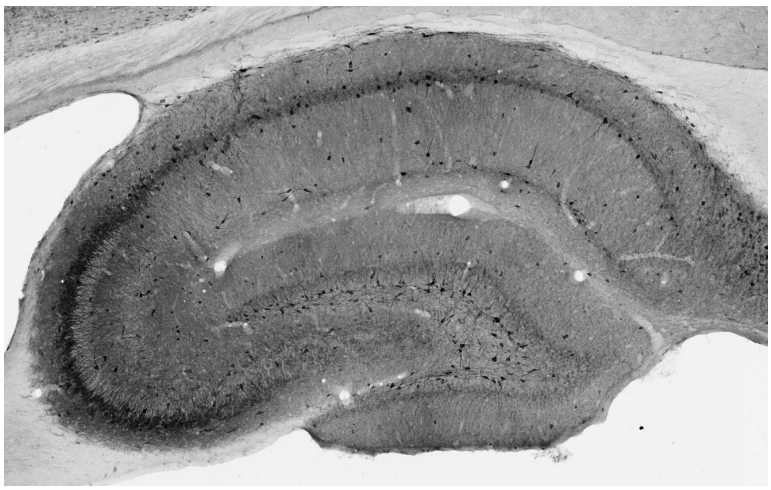
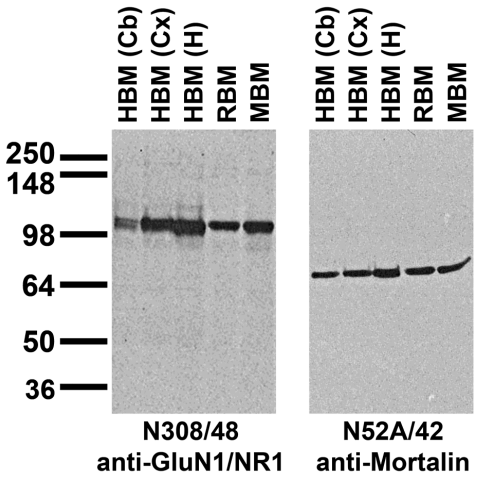
Product images:



Adult rat brain membrane immunoblot



Adult rat hippocampus immunohistochemistry



immunoblot against crude membrane fractions from whole mouse (MBM) or rat (RBM) brain and from human cerebellum [HBM(Cb)], cerebral cortex [HBM(Cx)] or hippocampus [HBM(H)] and probed with N308/48 (left) or N52A/42 (right) TC supe.