

Product datasheet for 73-113

Cacna1d Mouse Monoclonal Antibody [Clone ID: L48A/9]

Product data:

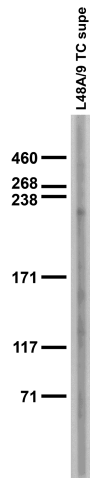
Product Type:	Primary Antibodies
Clone Name:	L48A/9
Applications:	IF, IHC, WB
Recommend Dilution:	Immunoblot (IB). Immunohistochemistry (IHC). Immunoprecipitation (IP). Immunocytochemistry (ICC).
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Synthetic peptide amino acids 859-875 (DNKVTIDDYQEEAEDKD, cytoplasmic loop between repeat II and III) of rat Cav1.3 (also known as voltage-dependent Ltype calcium channel subunit alpha-1D, RAT brain class D and RBD, accession number P27732). Mouse: 94% identity (16/17 amino acids identical). Human: 88% identity (15/17 amino acids identical).
Specificity:	Does not cross-react with Cav1.2
Formulation:	State: Supernatant
Gene Name:	calcium voltage-gated channel subunit alpha1 D
Database Link:	Entrez Gene 29716 Rat
Synonyms:	CACH3, CACN4, CACNL1A2, CCHL1A2, Cav1.3



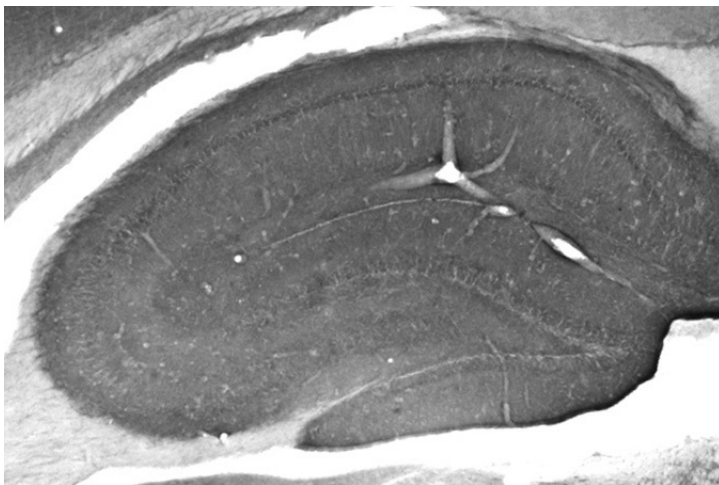
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Note: USERS will cite the UC Davis/NIH NeuroMab Facility in any publication(s) describing the research utilizing the MATERIALS. The suggested acknowledgment statement is as follows: "The monoclonal antibody _ was developed by and/or obtained from the 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 membrane immunoblot.



Adult rat hippocampus immunohistochemistry