

Product datasheet for 75-041

Kcnc1 Mouse Monoclonal Antibody [Clone ID: N16B/8]

Product data:

Product Type:	Primary Antibodies
Clone Name:	N16B/8
Applications:	IHC, WB
Recommend Dilution:	Immunoblot (IB) Immunohistochemistry (IHC)
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Fusion protein amino acids 437-585 (cytoplasmic C-terminus) of rat Kv3.1b (accession number NP_036988) Mouse: 100% identity (149/149 amino acids identical) Human: 100% identity (84/84 amino acids identical, partial sequence)
Formulation:	State: Purified
Gene Name:	Rattus norvegicus potassium voltage-gated channel subfamily C member 1 (Kcnc1)
Database Link:	Entrez Gene 3746 Human Entrez Gene 16502 Mouse Entrez Gene 25327 Rat
Synonyms:	Potassium voltage-gated channel subfamily C member 1, Voltage-gated potassium channel subunit Kv3.1, Kv4, NGK2
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

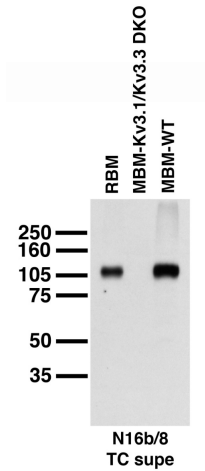


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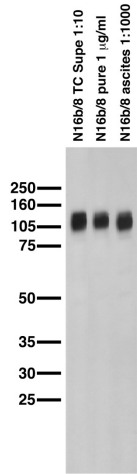
Product images:



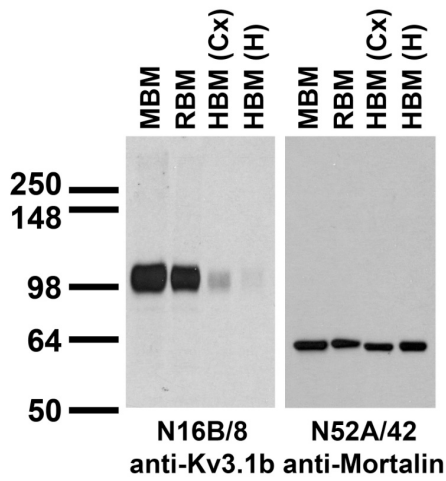
Adult rat hippocampus immunohistochemistry



Immunoblot versus adult rat brain membranes (RBM), and adult mouse hippocampal membranes (MBM) from Kv3.1/Kv3.3 double knockout and WT mice (mouse samples courtesy of Dr. Rolf Joho)



Adult rat membrane immunoblot



Immunoblots on brain membranes prepared from whole rat (RBM) and mouse (MBM) brain, and from human cerebral cortex [HBM(Cx)] and hippocampus [HBM(H)].