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Product datasheet for 75-112

Kcnc4 Mouse Monoclonal Antibody [Clone ID: N72/16]

Product data:

Product Type:	Primary Antibodies
Clone Name:	N72/16
Applications:	IF, IHC, IP, WB
Recommend Dilution:	Immunoblot (IB) Immunohistochemistry (IHC) Immunoprecipitation (IP)
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Synthetic peptide amino acids 175-192 (GDEAGDDERELALQRLGP, cytoplasmic N-terminus) of rat Kv3.4 (also known as Potassium voltage-gated channel subfamily C member 4, Voltagegated potassium channel subunit Kv3.4, Kcnc4, KSHIIIC and Raw3, accession number Q63734). Mouse: 100% identity (18/18 amino acids identical). Human: 94% identity (17/18 amino acids identical).
Formulation:	State: Purified
Gene Name:	potassium voltage-gated channel subfamily C member 4
Database Link:	Entrez Gene 684516 Rat
Synonyms:	Potassium voltage-gated channel subfamily C member 4, Voltage-gated potassium channel subunit Kv3.4, KSHIIIC

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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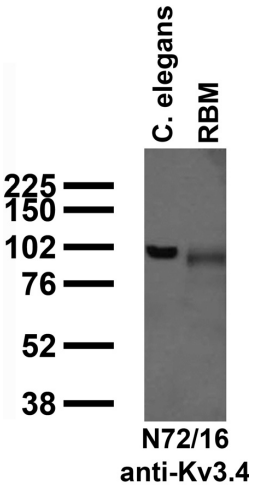
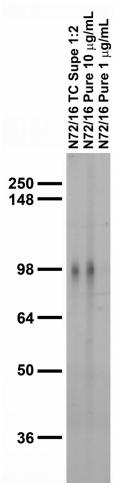
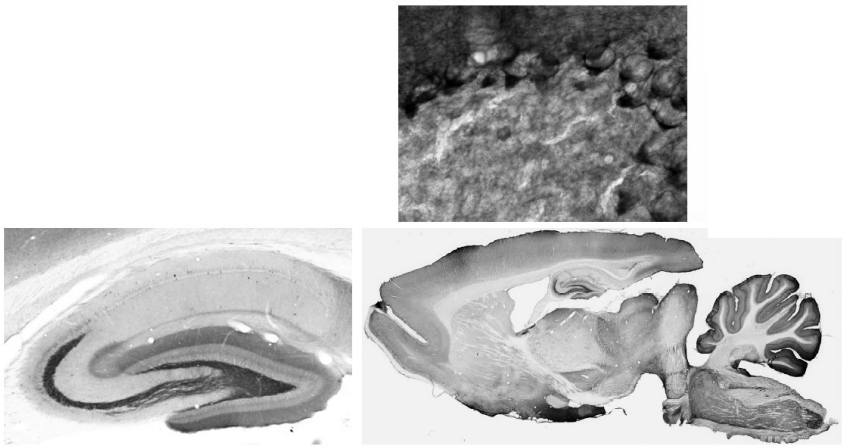
Product images:



Immunoblot against crude C. elegans worm extracts and brain membranes from adult rat (RBM) probed with N72/16 TC supe.



Adult rat brain membrane immunoblot



Bottom right: adult rat brain immunohistochemistry, with hippocampus (bottom left) and cerebellum (center).