

Product datasheet for 73-003

Kcnp1 Mouse Monoclonal Antibody [Clone ID: K55/7]

Product data:

Product Type:	Primary Antibodies
Clone Name:	K55/7
Applications:	IF, IHC, IP, WB
Recommend Dilution:	Immunohistochemistry (IHC) Immunoprecipitation (IP)
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Fusion protein amino acids 1-2276 (full-length) of rat KCHIP1b (also known as Kcnp1, Kv channelinteracting protein 1, Potassium channel-interacting protein 1, A-type potassium channel modulatory protein 1, Vesicle APC-binding protein and VABP, accession number Q8R426) Mouse: 99% identity (226/227 amino acids identical) Human: 99% identity (225/227 amino acids identical) >50% identity with KCHIP2, KCHIP3 and KCHIP4
Formulation:	State: Supernatant
Gene Name:	potassium voltage-gated channel interacting protein 1
Database Link:	Entrez Gene 65023 Rat
Synonyms:	KCHIP1
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

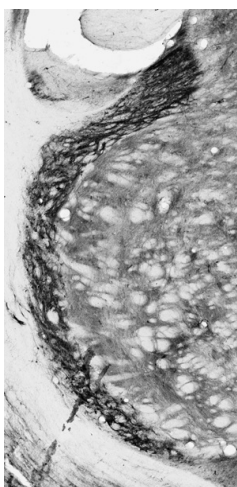


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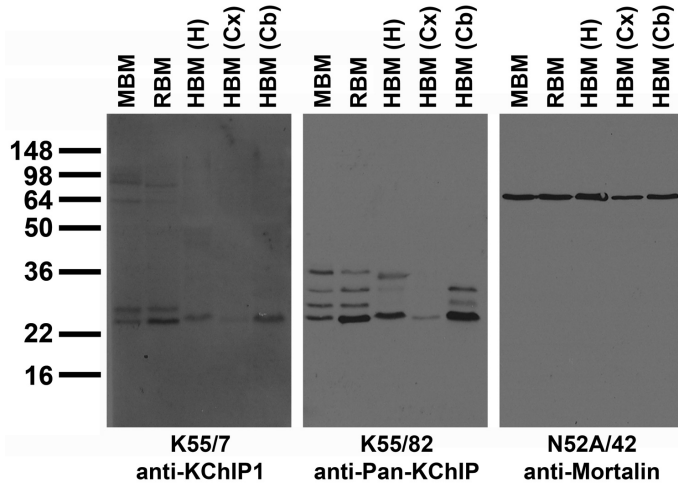
Product images:



adult rat hippocampus immunohistochemistry



adult rat reticular thalamic nucleus
immunohistochemistry



Immunoblot versus crude brain membranes from adult mouse (MBM), rat (RBM) and human hippocampus [HBM(H)], cerebral cortex [HBM(Cx)] and cerebellum [HBM(Cb)] probed with K55/7 (left), K55/82 (middle) and N52A/42 (right)