

Product datasheet for 75-315

Kcnb1 Mouse Monoclonal Antibody [Clone ID: L80/21]

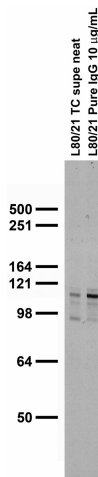
Product data:

Product Type:	Primary Antibodies
Clone Name:	L80/21
Applications:	IF, IHC, WB
Recommend Dilution:	Immunoblot (IB) Immunohistochemistry (IHC) Immunocytochemistry (ICC)
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG3
Clonality:	Monoclonal
Immunogen:	Synthetic peptide amino acids 837-853 (HMLPGGGAHGSTRDQSI, cytoplasmic Cterminus) of rat Kv2.1 (also known as Potassium voltage-gated channel subfamily B member 1, Delayed rectifier potassium channel 1, DRK1, Kcnb1 and Shab, accession number P15387). Mouse: 100% identity (17/17 amino acids identical). Human: 88% identity (15/17 amino acids identical, RVLPGGGAHGSTRDQSI).
Formulation:	State: Purified
Gene Name:	potassium voltage-gated channel subfamily B member 1
Database Link:	Entrez Gene 25736 Rat
Synonyms:	Potassium voltage-gated channel subfamily B member 1, Voltage-gated potassium channel subunit Kv2.1, mShab
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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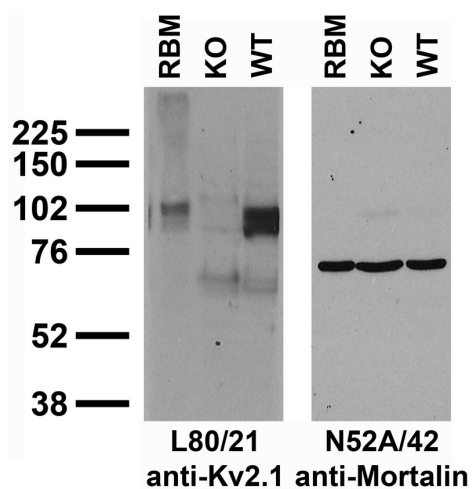
Product images:



Adult rat brain membrane immunoblot



Adult rat hippocampus immunohistochemistry



Immunoblot against crude brain membranes from adult rat (RBM) and Kv2.1 wild-type (WT) or knockout (KO) mouse probed with L80/21 (left) or N52A/42 (right) TC supe.