

## Product datasheet for 73-009

### Kcna3 Mouse Monoclonal Antibody [Clone ID: L23/27]

#### Product data:

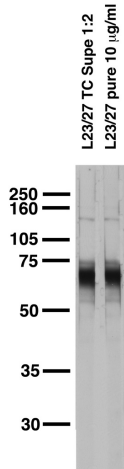
Product Type:	Primary Antibodies
Clone Name:	L23/27
Applications:	IHC, IP, WB
Recommend Dilution:	Immunoblot (IB) Immunohistochemistry (IHC) Immunoprecipitation (IP)
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Synthetic peptide amino acids 485-506 (GGMNHSAFPQTPFKTGNSTATC, cytoplasmic C-terminus) of rat Kv1.3 (also known as Potassium voltage-gated channel subfamily A member 3, Voltage-gated potassium channel subunit Kv1.3, Kv3, KIII, GK5, K3 and Kcna3, accession number P15384) Human: 100% identity (22/22 amino acids identical) Mouse: 100% identity (22/22 amino acids identical)
Formulation:	State: Supernatant
Gene Name:	potassium voltage-gated channel subfamily A member 3
Database Link:	<a href="#">Entrez Gene 29731 Rat</a>
Synonyms:	Potassium voltage-gated channel subfamily A member 3, Voltage-gated potassium channel subunit Kv1.3, HPCN3, HGK5, HuKIII, HLK3



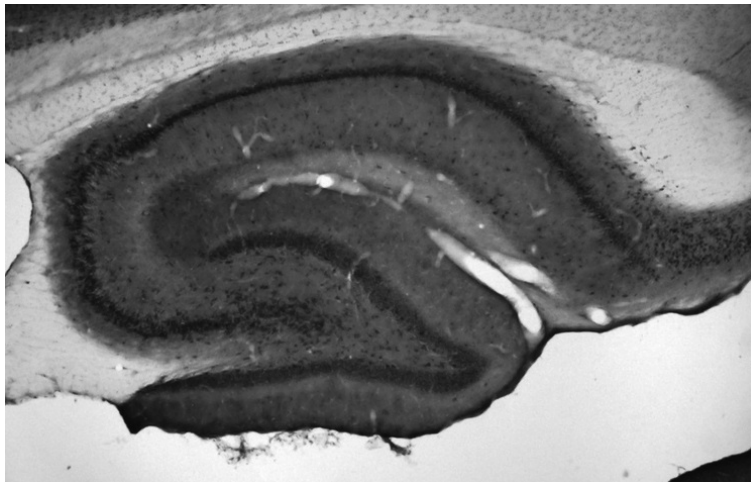
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**Note:** USERS will cite the UC Davis/NIH NeuroMab Facility in any publication(s) describing the research utilizing the MATERIALS. The suggested acknowledgment statement is as follows: "The monoclonal antibody \_ was developed by and/or obtained from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

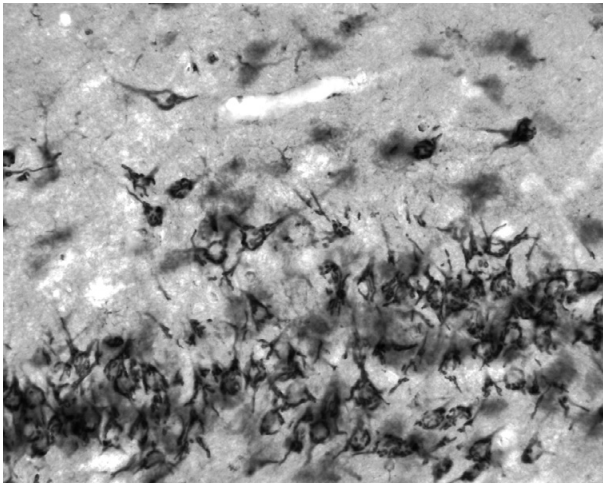
**Product images:**



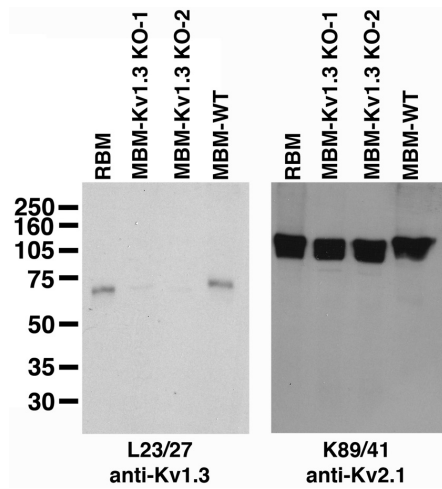
Adult rat brain membrane immunoblot



Adult rat dentate gyrus



hippocampus immunohistochemistry



Immunoblot on adult rat brain membranes (RBM), and adult mouse brain membranes from two Kv1.3 knockout mice (MBM-Kv1.3-KO) and one wild-type mouse (MBM-WT). KO samples courtesy of Dr. Leonard Kaczmarek, Yale School of Medicine.