

Product datasheet for 75-104

TRPC5 Mouse Monoclonal Antibody [Clone ID: N67/15]

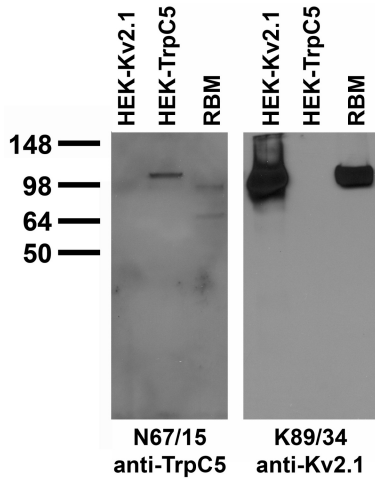
Product data:

Product Type:	Primary Antibodies
Clone Name:	N67/15
Applications:	IHC, IP, WB
Recommend Dilution:	Immunoblot (IB) Immunohistochemistry (IHC) Immunoprecipitation (IP)
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Synthetic peptide amino acids 827-845 (SKAESSKRSFMGPSLKKL) of human TrpC5 (also known as short transient receptor potential channel 5 and Htrp5, accession number Q9UL62). Mouse: 88% identity (16/18 amino acids identical). Rat: 88% identity (16/18 amino acids identical).
Formulation:	State: Purified
Gene Name:	transient receptor potential cation channel subfamily C member 5
Database Link:	Entrez Gene 7224 Human
Synonyms:	TRP-5
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

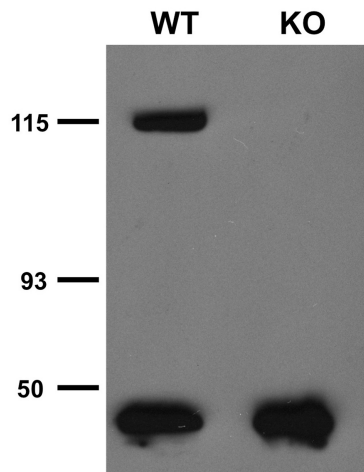


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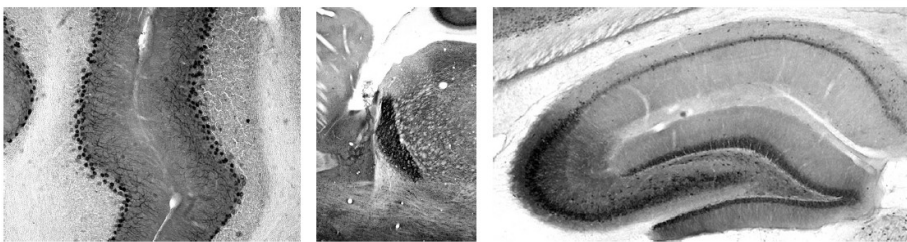
Product images:



Adult rat brain membrane (RBM) and transfected cell immunoblot: extracts of RBM and HEK-293 cells transiently transfected with TrpC5 and Kv2.1 plasmids and probed with N67/15 (left) or K89/34 (right) TC supe.



Immunoprecipitation analysis of TRPC5 protein in brain microsomes extracted from wild-type (WT) and TRPC5 knockout (KO) littermates. Courtesy of Dr. David Clapham (HHMI/Harvard Medical School).



Adult rat cerebellar (left), reticular thalamic nucleus (middle) and hippocampal (right) immunohistochemistry

A cooperative venture among the University of California at Davis, the National Institutes of Health, and Antibodies Inc.