

Anti-TrpC5 calcium channel, NeuroMab clone N67/15

Immunogen:

Synthetic peptide amino acids 827-845 (SKAESSSKRSFMGPSLKKL) 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)

Monoclonal antibody info: Mouse strain: Balb/C Myeloma cell: SP2/0 Mouse Ig Isotype: IgG2b

<u>NeuroMab Applications:</u> Immunoblotting, Immunohistochemistry and Immunoprecipitation

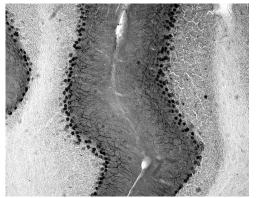
Species Reactivity: human, mouse, rat

MW: 110 kD

Top: 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.

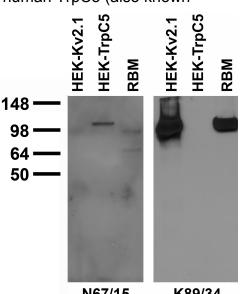
Middle: Immunoprecipitation analysis of TRPC5 protein in brain microsomes extracted from wild-type (WT) and *TRPC5* knockout (KO) littermates. Courtesy of Dr. David Clapham (HHMI/Harvard Medical School).

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









N67/15 K89/34 anti-TrpC5 anti-Kv2.1

