

**Anti-TrpC5 calcium channel, NeuroMab clone N67/15**

Available as TC supe (RRID: AB\_10671667) &amp; Pure IgG (RRID: AB\_2240979)

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)

Monoclonal antibody info:

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG2b

NeuroMab Applications:

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

