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## Anti-TrpV1, NeuroMab clone N221/12

Available as TC supe (RRID:AB\_10673516)

## Immunogen:

Fusion protein amino acids 1-160 (cytoplasmic N-terminus) of rat TrpV1 (also known as Transient receptor potential cation channel subfamily V member 1, Osm-9-like TRP channel 1, OTRPC1, Capsaicin receptor, Vanilloid receptor 1, VR1, Vanilloid receptor type 1-like and

Vr1I, accession number O35433) Mouse: 85% identity (137/161 amino acids identical) Human: 68% identity (110/161 amino acids identical)

<50% identity with TrpV4

Monoclonal antibody info: Mouse strain: Balb/C Myeloma cell: SP2/0 Mouse Ig Isotype: IgG1

<u>NeuroMab Applications:</u> Immunoblot, Immunocytochemistry and Immunohistochemistry

Species Reactivity: rat, mouse

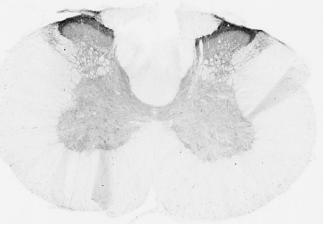
MW: 95 kDa

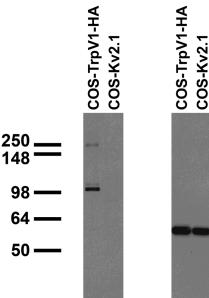
Top: transfected cell immunoblot: extracts of COS-1 cells transiently transfected with HA-tagged TrpV1 or untagged Kv2.1 plasmids and probed with N221/12 (left panel) or N52A/42 (right panel) TC supe.

Bottom left: adult rat spinal cord immunohistochemistry

Bottom right: immunofluorescence staining of adult dorsal root

ganglion sections from TrpV1 WT and KO -/- mice with N221/12 TC supe (red), Kv1.2 rabbit polyclonal (green) and Hoechst nuclear stain (blue). Images courtesy of Matthew Rasband (Baylor College of Medicine)





N221/12 N52A/42 anti-TrpV1 anti-Mortalin

