



Anti-TrpV1, NeuroMab clone N221/17

Available as TC supe (RRID: AB_10676106) & Pure IgG (RRID: AB_11000725)

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 Vr1l, 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

NeuroMab Applications:

Immunoblot, Immunocytochemistry and Immunohistochemistry

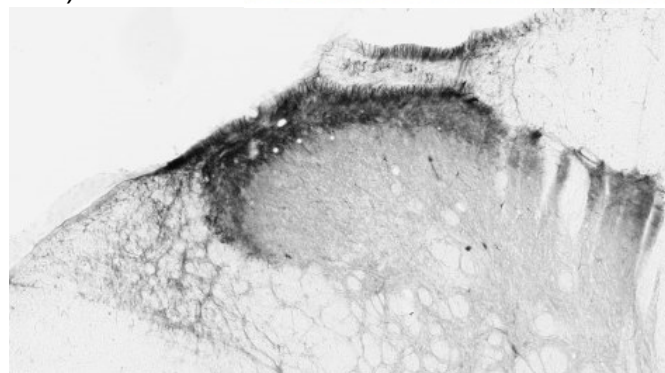
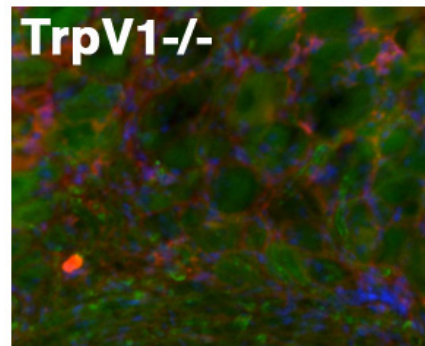
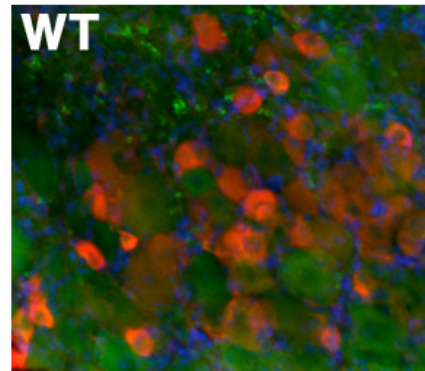
Species Reactivity: rat, mouse

MW: 100 kDa

Top: immunofluorescence staining of adult dorsal root ganglion sections from TrpV1 WT and $-/-$ mice with N221/17 TC supe (red), Kv1.2 rabbit polyclonal (green) and Hoechst nuclear stain (blue). Images courtesy of Matthew Rasband (Baylor College of Medicine).

Bottom: adult rat spinal cord dorsal horn immunohistochemistry

Right: adult rat brain membrane immunoblot



N221/17 TC supe

251 —
164 —
121 —
98 —
64 —
50 —
36 —