



Anti-Cav1.2, NeuroMab clone N263/31

Available as TC supe (RRID: AB_11001554) & Pure IgG (RRID: AB_11000167)

Immunogen:

Fusion protein amino acids 808-874 (cytoplasmic loop between repeat II and III) of rat Cav1.2 (also known as Voltage-dependent L-type calcium channel subunit alpha-1C, CACNA1C, CACH2, CACN2, CACNL1A1, CCHL1A1, Brain class C and MELC-CC, accession number P22002)

Mouse: 100% identity (67/67 amino acids identical)

Human: 86% identity (58/67 amino acids identical)

<<50% identity with other Cav1 channels

Monoclonal antibody info:

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG2b

NeuroMab Applications:

Immunoblot and Immunocytochemistry

Species Reactivity: human, rat, mouse

Does not cross-react with Cav1.3

MW: 240 kDa

Tissue and transfected cell immunoblot: extracts of rat brain membrane (RBM) and COS cells transiently transfected with untagged Cav1.2, Cav1.3 or Kv2.1 plasmids and probed with N263/31 (left) and L57/46 (right) TC supe.

