



Anti-KCNT2/Slo2.1/Slick sodium- and chloride-activated ATP-sensitive potassium channel, NeuroMab clone N11/33

Available as TC supe (RRID: AB_10675450) & Pure IgG (RRID: AB_2296599)

Immunogen:

Fusion protein amino acids 564-624 (cytoplasmic C-terminus) of mouse Slo2.1 (also known as Potassium channel subfamily T member 2, Sequence like an intermediate conductance potassium channel subunit, Kcnt2 and Slick, accession number D3Z649)

Rat: 98% identity (60/61 amino acids identical)

Human: 90% identity (55/61 amino acids identical)

~50% identity with KCNT1/Slo2.2/Slack

Monoclonal antibody info:

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG1

NeuroMab Applications:

Immunoblot, Immunocytochemistry and Immunohistochemistry

Species Reactivity: mouse, rat

Does not cross-react with KCNT1/Slo2.2/Slack

MW: 130 kDa

Immunoblot against brain membranes from adult rat (RBM) or from Slo2.1 knockout (MBM-Slo2.1 KO) or wild-type (MBM-WT) mice probed with N11/33 (left) or N52A/42 (right) TC supe. Mouse brains courtesy of Chris Lingle (Washington University).

Adult rat hippocampal (middle) and whole brain (bottom) immunohistochemistry

