



Anti-Kv3.2 potassium channel, NeuroMab clone N410/17

Available as TC supe (RRID: AB_2341104) & Pure IgG (RRID: AB_2491084)

Immunogen:

Fusion protein amino acids 474-613 (cytoplasmic C-terminus) of rat Kv3.2a (also known as Potassium voltage-gated channel subfamily C member 2, Kcnc2 and KSHIIIA, accession number P22462-3)

Human: 97% identity (137/140 amino acids identical)

Mouse: 86% identity (120/140 amino acids identical)

<50% identity with Kv3.1

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, human

MW: 80-100 kDa (varies due to post-translational modifications)

Immunoblot against crude membranes from adult rat brain (RBM), mouse brain (MBM) and wild-type (WT) and Kv3.2 knockout (KO) mouse brains probed with N410/17 (left) and N52A/42 (right) TC supe. Mouse brains courtesy of Bernardo Rudy (NYU School of Medicine).

Adult rat hippocampus (left) and whole brain (right) immunohistochemistry

