



Anti-Kv2.1 potassium channel subunit, NeuroMab clone L80/21

Available as TC supe (RRID:AB_2315862) and Pure IgG (RRID:AB_2315863)

Immunogen:

Synthetic peptide amino acids 837-853 (HMLPGGGAHGSTRDQSI, cytoplasmic C-terminus) of rat Kv2.1 (also known as Potassium voltage-gated channel subfamily B member 1, Delayed rectifier potassium channel 1, DRK1, Kcnb1 and Shab, accession number P15387)

Mouse: 100% identity (17/17 amino acids identical)

Human: 88% identity (15/17 amino acids identical, RVLPGGGAHGSTRDQSI)

Monoclonal antibody info:

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG3

NeuroMab Applications:

Immunoblot, Immunocytochemistry and Immunohistochemistry

Species Reactivity: rat, mouse, human

MW: 105-125 kDa (varies with cell background due to phosphorylation)

Top left: immunoblot against crude brain membranes from adult rat (RBM) and Kv2.1 wild-type (WT) or knockout (KO) mouse probed with L80/21 (left) or N52A/42 (right) TC supe.

Top right: adult rat brain membrane immunoblot

Bottom: adult rat hippocampus immunohistochemistry

