



Anti-Kv3.1b potassium channel, NeuroMab clone N16b/8

Immunogen:

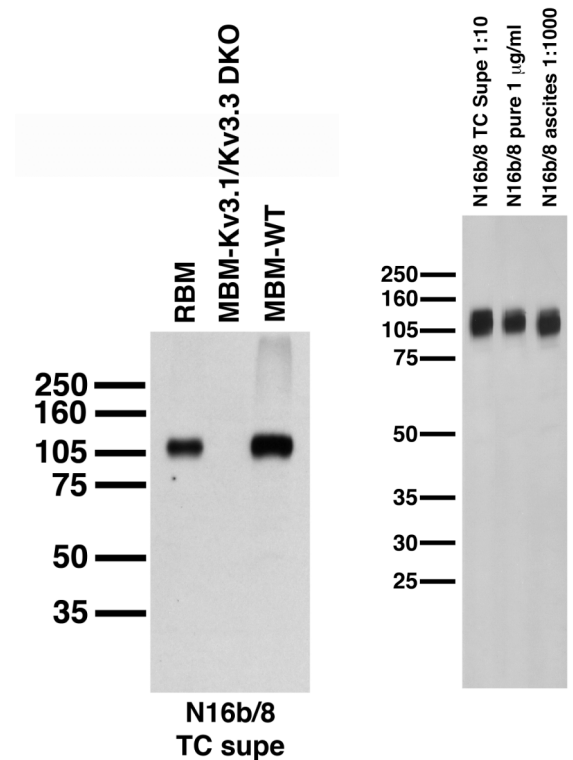
Fusion protein amino acids 437-585 (cytoplasmic C-terminus)
 of rat Kv3.1b (accession number NP_036988)
 Mouse: 100% identity (149/149 amino acids identical)
 Human: 100% identity (84/84 amino acids identical, partial
 sequence)

Monoclonal antibody info:

Mouse strain: Balb/C
 Myeloma cell: SP2/0
 Mouse Ig Isotype: IgG1

NeuroMab Applications:

Immunoblot, Immunohistochemistry
 Species Reactivity: human (weak), mouse, rat
 MW: 110 kDa



Images

Upper. Left: Immunoblot versus adult rat brain membranes (RBM), and adult mouse hippocampal membranes (MBM) from Kv3.1/Kv3.3 double knockout and WT mice (mouse samples courtesy of Dr. Rolf Joho). Right: Adult rat membrane immunoblot

Lower. Left: Adult rat hippocampus immunohistochemistry. Right: Immunoblots on brain membranes prepared from whole rat (RBM) and mouse (MBM) brain, and from human cerebral cortex [HBM(Cx)] and hippocampus [HBM(H)].

