



Anti-Slo1/BKAlpha potassium channel, NeuroMab clone L6/60

Immunogen:

Fusion protein amino acids 690-1196 (cytoplasmic C-terminus) of mouse Slo1 (also known as Calcium-activated potassium channel subunit alpha-1, Calcium-activated potassium channel, subfamily M subunit alpha-1, KCa1.1, K(VCA)alpha, BK channel, BKCA alpha, Maxi K channel, Slo-alpha, Slowpoke homolog, Kcnma1 and Kcnma, accession number Q08460)

Rat: 99% identity (448/450 amino acids identical)

Human: 98% identity (446/454 amino acids identical)

Epitope mapped to within amino acids 690-715 (PKLMRHDPLLIPGNDQIDNMDSNVKK, 100% conserved in mouse, rat, human, horse, dog, pig, cow, Rhesus monkey and rabbit, indicated by arrow in image at right) by Daniel Levy (University of Chicago).



Monoclonal antibody info:

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG2a

NeuroMab Applications:

Immunoblot, Immunohistochemistry and Immunoprecipitation

Species Reactivity: human, mouse, rat, zebrafish

MW: 110-130 kDa

Immunoblot versus crude membranes from adult rat brain (RBM) and WT and Slo1 KO mouse brains probed with L6/60 TC supe.

Top: adult rat hippocampus immunohistochemistry

Bottom: immunofluorescence staining of hippocampal CA3 of adult WT and Slo1 KO mice with L6/60 (red) and Kv2.1 rabbit polyclonal (green).

