

UC Davis/NIH NeuroMab Facility

Department of Physiology and Membrane Biology, UC Davis, Davis CA 95616 http://neuromab.ucdavis.edu neuromab@ucdavis.edu

Anti-Kv3.4 potassium channel, NeuroMab clone N72/16

Immunogen:

Synthetic peptide amino acids 175-192 (GDEAGDDERELALQRLGP, cytoplasmic N-terminus) of rat Kv3.4 (also known as Potassium voltage-gated channel subfamily C member 4, Voltage-gated potassium channel subunit Kv3.4, Kcnc4, KSHIIIC and Raw3, accession number Q63734)

Mouse: 100% identity (18/18 amino acids identical) Human: 94% identity (17/18 amino acids identical)

Monoclonal antibody info:

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

NeuroMab Applications:

Immunoblotting, Immunocytochemistry, Immunohistochemistry and Immunoprecipitation

Species Reactivity: rat, mouse, human, worm

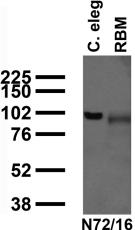
MW: 70-100 kDa (larger due to glycosylation)

Top: immunoblot against crude C. elegans worm extracts and brain membranes from adult rat (RBM) probed with N72/16 TC supe.

Bottom: adult rat whole brain (bottom right), hippocampus (bottom left) and cerebellum (top right) immunohistochemistry







anti-Kv3.4