



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

Available as TC supe (RRID:AB_10673969) & Pure IgG (RRID:AB_10673277)

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, KSHIIC 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

