



Anti-Pan-Kv β potassium channel, NeuroMab clone K40/17

Available as TC supe (RRID:AB_10672417) & Pure IgG (RRID:AB_2131361)

Immunogen:

Fusion protein amino acids 1-401 (full-length) of rat Kv β 1 (also known as Voltage-gated potassium channel subunit beta-1, accession number P63144)

Mouse: 99% identity (400/401 amino acids identical)

Human: 89% identity (341/380 amino acids identical)

>65% identity with Kv β 2 and Kv β 3

Monoclonal antibody info:

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG2a

NeuroMab Applications:

Immunoblotting and Immunocytochemistry

Species Reactivity: human, mouse, rat

MW: 40-50 kDa

Left: immunoblot against crude membrane fractions from whole mouse (MBM) or rat (RBM) brain and from human hippocampus [HBM(H)], cerebral cortex [HBM(Cx)] or cerebellum [HBM(Cb)] and probed with K40/17 (left) or N52A/42 (right) TC supe.

Right: adult rat brain membrane immunoblot

