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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 Kvβ1 (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 Kvβ2 and Kvβ3

Monoclonal antibody info: Mouse strain: Balb/C Myeloma cell: SP2/0 Mouse Ig Isotype: IgG2a

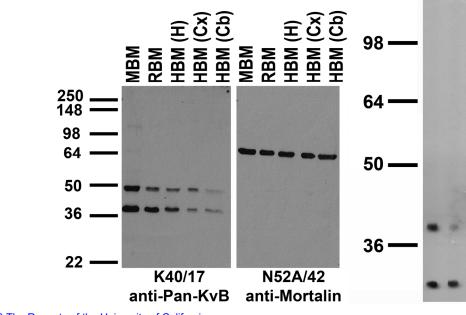
<u>NeuroMab Applications:</u> Immunoblotting and Immunocytochemistry

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



K40/1

250 -

148 -

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