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Anti-KChIP3 potassium channel, NeuroMab clone K66/38

Immunogen:

Fusion protein amino acids 1-256 (full-length) of rat KChIP3 (also known as Kv channel-interacting protein 3, Kcnip3, A-type potassium channel modulatory protein 3, Calsenilin, Csen, DRE-antagonist modulator and Dream, accession number Q9JM47)
Mouse: 98% identity (251/256 amino acids identical)
Human: 93% identity (239/256 amino acids identical)
>50% identity with KChIP1, KChIP2 and KChIP4

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

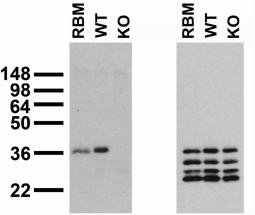
<u>NeuroMab Applications:</u> Immunoblot, Immunocytochemistry, Immunohistochemistry and Immunoprecipitation

Species Reactivity: rat, mouse, human

Does not cross-react with KChIP1, KChIP2 or KChIP4

MW: 37 kDa

Immunoblot versus crude membranes from adult rat brain (RBM) and WT and KChIP3 KO mouse brains probed with K66/38 (left) and K55/82 (right) TC supe. Mouse samples courtesy of Takeshi Sakurai and Joseph Buxbaum (Mount Sinai School of Medicine).



K66/38 K55/82 anti-KChIP3 anti-Pan-KChIP

Adult rat brain immunohistochemistry



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