



### Anti-KChIP1 potassium channel, NeuroMab clone K55/7

TC supe catalog #73-003 (RRID:AB\_10697876) & Pure IgG catalog #75-003 (RRID:AB\_10673162)

#### Immunogen:

Fusion protein amino acids 1-227 (full-length) of rat KChIP1b (also known as Kcnp1, Kv channel-interacting protein 1, Potassium channel-interacting protein 1, A-type potassium channel modulatory protein 1, Vesicle APC-binding protein and VABP, accession number Q8R426)

Mouse: 99% identity (226/227 amino acids identical)

Human: 99% identity (225/227 amino acids identical)

>50% identity with KChIP2, KChIP3 and KChIP4

#### Monoclonal antibody info:

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG1

#### NeuroMab Applications:

Immunoblot, Immunocytochemistry, Immunohistochemistry and Immunoprecipitation

Species Reactivity: rat, mouse, human

Does not cross-react with KChIP2, KChIP3 or KChIP4

MW: 30 kDa

Immunoblot versus crude brain membranes from adult mouse (MBM), rat (RBM) and human hippocampus [HBM(H)], cerebral cortex [HBM(Cx)] and cerebellum [HBM(Cb)] probed with K55/7 (left), K55/82 (middle) and N52A/42 (right)

Left: adult rat hippocampus immunohistochemistry

Right: adult rat reticular thalamic nucleus immunohistochemistry

