



Anti-Pan-KChIP potassium channel, NeuroMab clone K55/82

Available as TC supe (RRID:AB_2132595) & Pure IgG (RRID:AB_10673406)

Immunogen:

Fusion protein amino acids 1-2276 (full-length) of rat KChIP1b (also known as Kcni1, Kv channel-interacting protein 1, Potassium channel-interacting protein 1, A-type potassium channel modulatory protein 1, VesicleAPC-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: IgG2a

NeuroMab Applications:

Immunoblot,
Immunocytochemistry,
Immunohistochemistry and
Immunoprecipitation

Species Reactivity: rat,
mouse, human

Cross-reacts with KChIP2,
KChIP3 and KChIP4

MW: 30-40 kDa

Top right: adult rat brain
membrane immunoblot

Top left: 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 K55/82 (left)
and N52A/42 (right) TC supe.

Bottom: adult rat hippocampus
immunohistochemistry

