



Anti-Kv4.3 potassium channel subunit, NeuroMab clone K75/30

Immunogen:

Fusion protein amino acids 415-636 (cytoplasmic C- terminus) of rat Kv4.3 (also known as Potassium voltage-gated channel subfamily D member 3 and Kcnd3, accession number Q62897)

Human: 99% identity (221/222 amino acids identical)

Mouse: 99% identity (220/222 amino acids identical)

>40% identity with Kv4.2 and Kv4.1 potassium channel subunits

Monoclonal antibody info:

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG2a

NeuroMab Applications:

Immunoblotting, Immunocytochemistry and Immunohistochemistry

Species Reactivity: rat, human, mouse

Does not cross-react with Kv4.2

MW: 70 kDa

Adult rat brain membrane immunoblot (right) and hippocampus immunohistochemistry (bottom, with higher magnification images of CA1 interneurons from dashed boxes)

