



### Anti-Kv1.1 potassium channel subunit, NeuroMab clone K20/78

Available as TC supe (RRID:AB\_10672854) & Pure IgG (RRID:AB\_10673165)

#### Immunogen:

Synthetic peptide amino acids 458-476 (EEDMNSIAHYRQANIRTG, cytoplasmic C-terminus) of rat Kv1.1 (also known as potassium voltage-gated channel subfamily A member 1, IA, RBKI, RCK1, accession number P10499)

Mouse: 100% identity (18/18 amino acids identical)

Human: 90% identity (16/18 amino acids identical)

#### Monoclonal antibody info:

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG1

#### NeuroMab Applications:

Immunoblotting, Immunocytochemistry, Immunohistochemistry and Immunoprecipitation

Species Reactivity: rat, mouse, human, worm

MW: 85 and 65 kDa (major/mature and minor/immature glycosylation, respectively)

Top left: immunoblot against crude *C. elegans* worm extracts and crude brain membranes from adult rat (RBM) probed with K20/78 TC supe.

Middle left: immunoblot against crude brain membranes from adult rat (RBM) and Kv1.1 wild-type (WT) or knock-out (KO) mouse probed with K20/78 (left) or N52A/42 (right) TC supe.

Top right: adult brain membrane immunoblot

Bottom: adult rat brain hippocampus immunohistochemistry

