

UC Davis/NIH NeuroMab Facility

Department of Physiology and Membrane Biology, UC Davis, Davis CA 95616 http://neuromab.ucdavis.edu neuromab@ucdavis.edu

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 (EEDMNNSIAHYRQANIRTG, 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

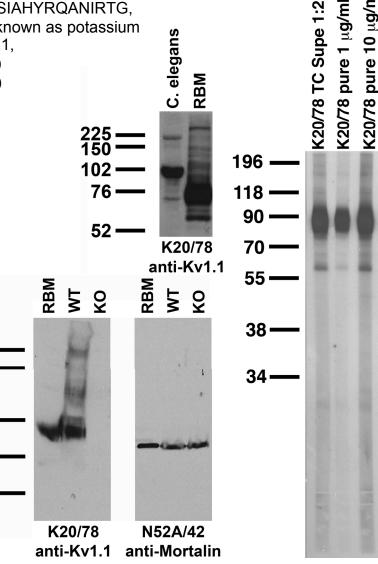
MW: 85 and 65 kDa (major/mature and minor/immature glycosylation, respectively)

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



250 · 148 ·

98

64

50 ·