

UC Davis/NIH NeuroMab Facility

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

Anti-KCC2 transporter, NeuroMab clone N1/66

<u>Immunogen:</u>

Fusion protein amino acids 932-1043 (intracellular carboxyl terminus) of rat KCC2b (also known as Solute carrier family 12 member 5, Electroneutral potassium-chloride cotransporter 2, K-Cl cotransporter 2, Neuronal K-Cl cotransporter, Furosemide-sensitive K-Cl cotransporter and Erythroid K-Cl cotransporter 2, accession number NP 599190)

Human: 96% identity (108/112 residues identical) Mouse: 95% identity (107/112 residues identical)

100% identity with KCC2a

<40% identity with KCC1, KCC3, KCC4

Monoclonal antibody info:

Mouse strain: Balb/C Myeloma cell: SP2/0 Mouse Ig Isotype: IgG1

NeuroMab Applications:

Immunoblot, Immunocytochemistry and Immunohistochemistry

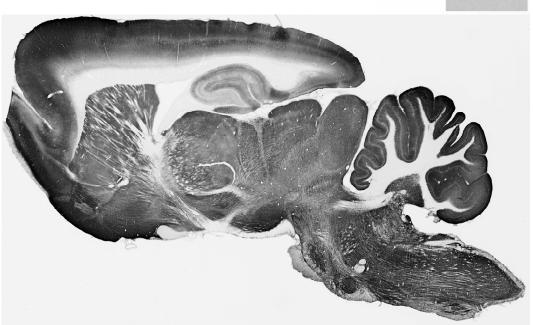
Species Reactivity: rat, human, mouse

Does not cross-react with KCC1, KCC3 or KCC4

MW: 140 kDa

Adult rat brain membrane immunoblot

Adult rat brain immunohistochemistry



N1/66 TC supe N1/66 Pure 10 µg/m

215 —

132 —

85 **—**