

UC Davis/NIH NeuroMab Facility

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Anti-KCC2 transporter, NeuroMab clone N1/12

Immunogen:

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: IgG2a

NeuroMab Applications:

Immunoblot, Immunohistochemistry and Immunoprecipitation

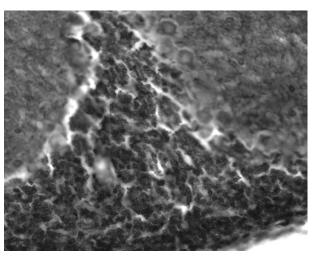
Species Reactivity: rat, human, mouse

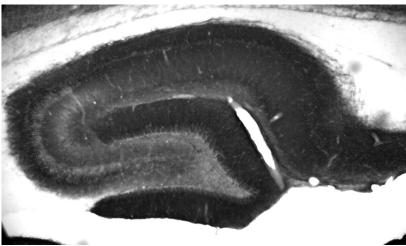
Does not react with KCC1, KCC3 or KCC4

MW: 140 kDa

Top: adult rat brain membrane immunoblot

Bottom: adult rat cerebellum (left) and hippocampus (right) immunohistochemistry





N1/12 pure 1 µg/ml

N1/12 TC Supe 1:10 N1/12 pure 10 µg/m



250 160





