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KCC2 Rabbit pAb

Catalog Number: bs-8517R

Target Protein: KCC2
Concentration: 1mg/ml

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Form: Liquid Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000)

Reactivity: Mouse (predicted: Human, Rat, Pig, Cow, Chicken, Dog, Horse)

Predicted MW: 123 kDa Entrez Gene: 57468

Swiss Prot: Q9H2X9

Source: KLH conjugated synthetic peptide derived from human KCC2/SLC12A5: 401-500/1139.

Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

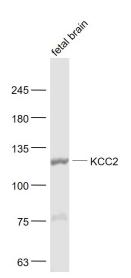
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: K-Cl cotransporters are proteins that lower intracellular chloride concentrations below the

electrochemical equilibrium potential. The protein encoded by this gene is an integral membrane K-Cl cotransporter that can function in either a net efflux or influx pathway, depending on the chemical concentration gradients of potassium and chloride. The encoded protein can act as a homomultimer, or as a heteromultimer with other K-Cl cotransporters, to maintain chloride homeostasis in neurons. Alternative splicing results in

two transcript variants encoding different isoforms. [provided by RefSeq, Sep 2008]

VALIDATION IMAGES



Sample: Fetal brain(Mouse) Lysate at 40 ug Primary: Anti- KCC2 (bs-8517R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 123 kD Observed band size: 123 kD