

---

## KCC2 Rabbit pAb

Catalog Number: bs-8517R

Target Protein: KCC2

Concentration: 1mg/ml

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

