

**bs-8517R**

**[ Primary Antibody ]**

## KCC2 Rabbit pAb

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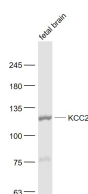
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400-901-9800

### — DATASHEET —

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000)
<b>Clonality:</b> Polyclonal		<b>Reactivity:</b> Mouse (predicted: Human, Rat, Pig, Cow, Chicken, Dog, Horse)
<b>GeneID:</b> 57468	<b>SWISS:</b> Q9H2X9	<b>Predicted MW.:</b> 123 kDa
<b>Target:</b> KCC2		<b>Subcellular Location:</b> Cell membrane
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human KCC2/SLC12A5: 401-500/1139. < Extracellular >		
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 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.		
<b>Background:</b> 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