

# 神经细胞钾氯离子转运蛋白抗体

**产品货号：**mlR8517

**英文名称：**KCC2

**中文名称：**神经细胞钾氯离子转运蛋白抗体

**别 名：**Electroneutral potassium chloride cotransporter 2; Electroneutral potassium-chloride cotransporter 2; Erythroid K Cl cotransporter 2; Erythroid K-Cl cotransporter 2; Furosemide sensitive K Cl cotransporter; hKCC2; K-Cl cotransporter 2; KCC 2; KCC2; KIAA1176; Neuronal K Cl cotransporter; Neuronal K-Cl cotransporter; S12A5; S12A5\_HUMAN; SLC12A5; Solute carrier family 12 (potassium chloride transporter) member 5; Solute carrier family 12 member 5.

**研究领域：**细胞生物 免疫学 神经生物学 通道蛋白

**抗体来源：**Rabbit

**克隆类型：**Polyclonal

**交叉反应：**Human, Mouse, Rat, Chicken, Dog, Pig, Cow, Horse,

**产品应用：**WB=1:500-2000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:50-200 （石蜡切片需做抗原修复）

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

**分子量：**123kDa

**细胞定位：**细胞膜

**性 状：**Lyophilized or Liquid

**浓 度：**1mg/ml

**免疫原：**KLH conjugated synthetic peptide derived from human KCC2/SLC12A5:401-500/1139 <Extracellular>

**亚 型：**IgG

**纯化方法：**affinity purified by Protein A

**储存液** : 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

**保存条件** : Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**PubMed** : PubMed

**产品介绍** : 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]

**Function:**

Mediates electroneutral potassium-chloride cotransport in mature neurons. Transport occurs under isotonic conditions, but is activated 20-fold by cell swelling. Important for Cl(-) homeostasis in neurons.

**Subunit:**

Homomultimer and heteromultimer with other K-Cl cotransporters. Interacts with AP2A1.

**Subcellular Location:**

Membrane; Multi-pass membrane protein.

**Tissue Specificity:**

Brain specific. Detected in neuronal cells.

**Similarity:**

Belongs to the SLC12A transporter family.

**SWISS:**

Q9H2X9

**Gene ID:**

57468

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

产品图片

