

## Product datasheet for **TA381543**

### **KCC2 (SLC12A5) Rabbit Polyclonal Antibody**

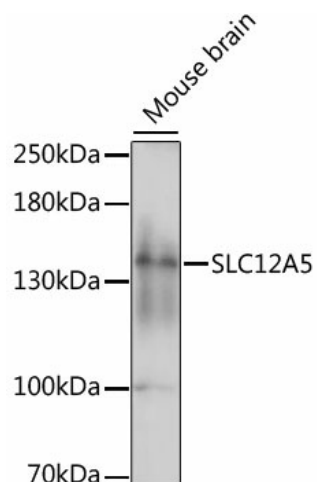
#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	WB
<b>Recommended Dilution:</b>	WB,1:200 - 1:2000
<b>Reactivity:</b>	Mouse
<b>Modifications:</b>	Unmodified
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 945-1025 of human SLC12A5 (NP_001128243.1).
<b>Formulation:</b>	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
<b>Concentration:</b>	lot specific
<b>Purification:</b>	Affinity purification
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C. Avoid freeze / thaw cycles.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>Predicted Protein Size:</b>	123kDa/126kDa
<b>Gene Name:</b>	solute carrier family 12 member 5
<b>Database Link:</b>	<a href="#">Q9H2X9</a>
<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.
<b>Synonyms:</b>	hKCC2; KCC2; KIAA1176



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## Product images:



Western blot analysis of extracts of mouse brain, using SLC12A5 antibody (TA381543) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit . | Exposure time: 60s.