



# SLC12A4 rabbit pAb

Cat No.:ES20634

For research use only

## Overview

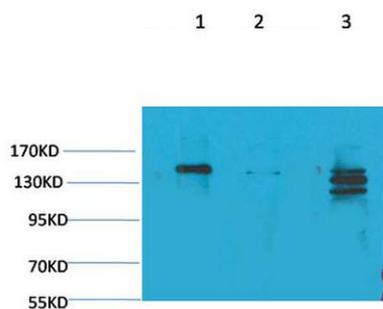
<b>Product Name</b>	SLC12A4 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC;IF
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse
<b>Recommended dilutions</b>	WB 1:1000-2000, IHC 1:100-200
<b>Immunogen</b>	Synthetic Peptide of SLC12A4 AA range: 658-708
<b>Specificity</b>	SLC12A4 protein(A248) detects endogenous levels of SLC12A4
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Solute carrier family 12 member 4 (Electroneutral potassium-chloride cotransporter 1) (Erythroid K-Cl cotransporter 1) (hKCC1)
<b>Gene Name</b>	SLC12A4
<b>Cellular localization</b>	Membrane; Multi-pass membrane protein.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	150kD
<b>Human Gene ID</b>	6560
<b>Human Swiss-Prot Number</b>	Q9UP95
<b>Alternative Names</b>	Solute carrier family 12 member 4 (Electroneutral potassium-chloride cotransporter 1;Erythroid K-Cl cotransporter 1;hKCC1)
<b>Background</b>	This gene encodes a member of the SLC12A transporter family. The encoded protein mediates the coupled movement of potassium and chloride ions across the plasma membrane. This gene is expressed ubiquitously. Multiple alternatively spliced transcript variants encoding distinct isoforms



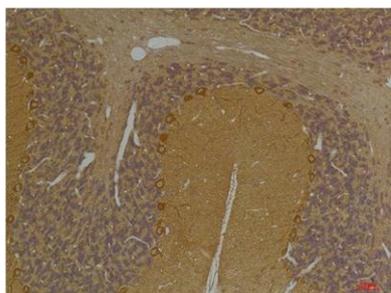


have been found for this gene. [provided by RefSeq, Jan 2013],

Western blot analysis of 1) Rat Brain Tissue, 2) Mouse Brain Tissue, 3) Hela with SLC12A4 Rabbit pAb diluted at 1:2,000.



Immunohistochemical analysis of paraffin-embedded Rat Brain Tissue using SLC12A4 Rabbit pAb diluted at 1:200.



Immunohistochemical analysis of paraffin-embedded Mouse Brain Tissue using SLC12A4 Rabbit pAb diluted at 1:200.

