

Datasheet for ABIN7270396
anti-KCC2 antibody (AA 945-1025)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	KCC2 (SLC12A5)
Binding Specificity:	AA 945-1025
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCC2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	SLC12A5 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 945-1025 of human SLC12A5 (NP_001128243.1).
Sequence:	TKNEREREIQ SITDESRGSI RRKNPANTRL RLNVPEETAG DSEEKPEEEV QLIHDQSAPS CPSSSPSPGE EPEGEGETDP E
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

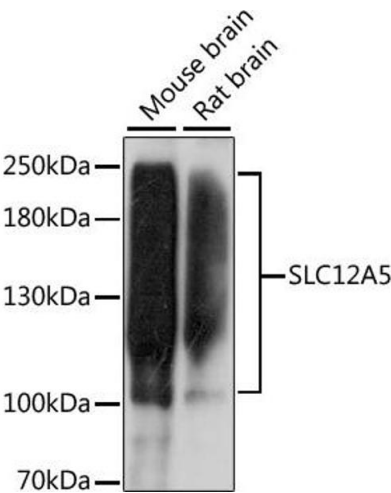
Target:	KCC2 (SLC12A5)
Alternative Name:	SLC12A5 (SLC12A5 Products)
Background:	K-Cl cotransporters are proteins that lower intracellular chloride concentrations below the electrochemical equilibrium potential. The protein encoded by this gene is an integral membrane K-Cl cotransporter that can function 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.,SLC12A5,EIEE34,EIG14,KCC2,hKCC2,Neuroscience,SLC12A5
Molecular Weight:	123kDa/126kDa
Gene ID:	57468
UniProt:	Q9H2X9

Application Details

Application Notes:	WB,1:200 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using SLC12 antibody (ABIN7270396) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 60s.