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Datasheet for ABIN3032670

anti-SLC12A6 antibody (C-Term)

2 Images



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Overview	
Quantity:	100 μg
Target:	SLC12A6
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC12A6 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	An amino acid sequence from the C-terminus of human SLC12A6

Immunogen:	An amino acid sequence from the C-terminus of human SLC12A6
	(QKAKSMEGFQDLLNMRPDQSN) was used as the immunogen for this SLC12A6 antibody.
Isotype:	IgG
Purification:	Antigen affinity

Target Details

Target:	SLC12A6
Alternative Name:	SLC12A6 (SLC12A6 Products)
Background:	Solute carrier family 12 (potassium/chloride transporters) member 6, also called KCC3, is a protein that in humans is encoded by the SLC12A6 gene. This gene is a member of the K-Cl cotransporter(KCC) family. K-Cl cotransporters are integral membrane proteins that lower

Target Details

intracellular chloride concentrations below the electrochemical equilibrium potential. By radiation hybrid and somatic cell hybrid analyses, this gene is mapped to 15q14. The proteins encoded by this gene are activated by cell swelling induced by hypotonic conditions. Mutations in this gene are associated with agenesis of the corpus callosum with peripheral neuropathy.

UniProt:

Q9UHW9

Application Details

Application Notes:

The stated application concentrations are suggested starting amounts. Titration of the SLC12A6 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: $0.5-1~\mu g/mL$

Restrictions:

For Research Use only

Handling

Buffer:

0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

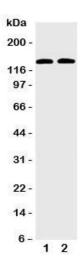
Storage:

-20 °C

Storage Comment:

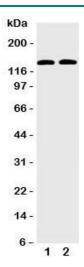
After reconstitution, the SLC12A6 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

Images



Western Blotting

Image 1. Western blot testing of SLC12A6 antibody and Lane 1: HeLa



Western Blotting

Image 2. Western blot testing of SLC12A6 antibody and Lane 1: HeLa; 2: HUT102 cell lysate. Expected/observed size ~128KD