

Datasheet for ABIN2781617
anti-SLC12A4 antibody (N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	SLC12A4
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse, Dog, Cow, Guinea Pig, Horse, Rabbit, Sheep
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC12A4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human SLC12A4
Sequence:	MPHFTVVPVD GPRRGDYDNL EGLSWVDYGE RAELDDSDGH GNHRESSPFL
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Sheep: 100%
Characteristics:	This is a rabbit polyclonal antibody against SLC12A4. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	SLC12A4
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Target Details

Alternative Name:	SLC12A4 (SLC12A4 Products)
Background:	<p>SLC12A4 mediates electroneutral potassium-chloride cotransport when activated by cell swelling. SLC12A4 may contribute to cell volume homeostasis in single cells. SLC12A4 may be involved in the regulation of basolateral Cl⁻ exit in NaCl absorbing epitheli</p> <p>Alias Symbols: FLJ40489, KCC1</p> <p>Protein Interaction Partner: UBC, LYN, TMEM43, FLOT1, PLP2, ILF3, CD55, ATF7IP,</p> <p>Protein Size: 1085</p>
Molecular Weight:	121 kDa
Gene ID:	6560
NCBI Accession:	NM_005072 , NP_005063
UniProt:	Q9UP95

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 1085 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-SLC12A4 Antibody Titration: 0.2-1 ug/ml Positive Control: PANC1 cell lysate There is BioGPS gene expression data showing that SLC12A4 is expressed in PANC1

Western Blotting

Image 2. WB Suggested Anti-SLC12A4 Antibody Titration: 0.2-1 µg/mL Positive Control: PANC1 cell lysate There is BioGPS gene expression data showing that SLC12A4 is expressed in PANC1