

Datasheet for ABIN6148021

**anti-Solute Carrier Family 5 (Sodium/inositol Cotransporter),
Member 11 (SLC5A11) (AA 540-640) antibody**



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1 Image

Overview

Quantity:	100 µL
Target:	Solute Carrier Family 5 (Sodium/inositol Cotransporter), Member 11 (SLC5A11)
Binding Specificity:	AA 540-640
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 540-640 of human SLC5A11 (NP_443176.2).
Sequence:	SWFTEPPSKE MVSHLTWFTR HDPVVQKEQA PPAAPLSLTL SQNGMPEASS SSSVQFEMVQ ENTSKTHSCD MTPKQSKVVK AILWLCGIQE KGKEELPARA E
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

Target:	Solute Carrier Family 5 (Sodium/inositol Cotransporter), Member 11 (SLC5A11)
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Target Details

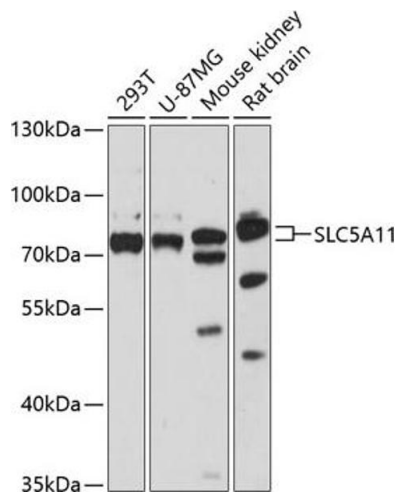
Alternative Name:	SLC5A11 (SLC5A11 Products)
Background:	Cotransporters, such as SLC5A11, represent a major class of proteins that make use of ion gradients to drive active transport for the cellular accumulation of nutrients, neurotransmitters, osmolytes, and ions Roll et al. (2002) [PubMed 12039040]. [supplied by OMIM, Mar 2008], SLC5A11, KST1, RKST1, SGLT6, SMI2, Signal Transduction, Endocrine & Metabolism, SLC5A11
Molecular Weight:	57 kDa/66 kDa/67 kDa/69 kDa/74 kDa/81 kDa
Gene ID:	115584
UniProt:	Q8WWX8

Application Details

Application Notes:	WB, 1:500 - 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 SLC5 antibody (ABIN6127283, ABIN6148021, ABIN6148022 and ABIN6217058) at 1:3000 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: 30s.