

Datasheet for ABIN2781707  
**anti-Solute Carrier Family 5 (Sodium/inositol Cotransporter),  
Member 11 (SLC5A11) (Middle Region) antibody**



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1 Image

Overview

Quantity:	100 µL
Target:	Solute Carrier Family 5 (Sodium/inositol Cotransporter), Member 11 (SLC5A11)
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Guinea Pig, Horse, Rabbit, Cow, Goat, Sheep, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human SLC5A11
Sequence:	VGGMEGLKEK YFLALASNRS ENSSCGLPRE DAFHIFRDPL TSDLPWPGVL
Predicted Reactivity:	Cow: 100%, Dog: 100%, Goat: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Sheep: 85%, Zebrafish: 92%
Characteristics:	This is a rabbit polyclonal antibody against SLC5A11. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

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

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Alternative Name:	SLC5A11 ( <a href="#">SLC5A11 Products</a> )
Background:	<p>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.</p> <p>Alias Symbols: KST1, RKST1, SGLT6, SMIT2</p> <p>Protein Interaction Partner: KPNA3,</p> <p>Protein Size: 675</p>
Molecular Weight:	74 kDa
Gene ID:	115584
NCBI Accession:	<a href="#">NM_052944</a> , <a href="#">NP_443176</a>
UniProt:	<a href="#">Q8WWX8</a>

## Application Details

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Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 675 AA
Restrictions:	For Research Use only

## Handling

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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-SLC5A11 Antibody Titration:  
0.2-1 ug/ml Positive Control: Jurkat cell lysate