

Datasheet for ABIN2781576
anti-SLC1A4 antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	SLC1A4
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog, Horse, Rabbit, Zebrafish (Danio rerio), Guinea Pig, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC1A4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human SLC1A4
Sequence:	ATKKGEQELA EVKVEAIPNC KSEETSPLV THQNPAGPVA SAPELESKES
Predicted Reactivity:	Cow: 92%, Dog: 100%, Guinea Pig: 100%, Horse: 93%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against SLC1A4. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	SLC1A4
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Target Details

Alternative Name:	SLC1A4 (SLC1A4 Products)
Background:	<p>SLC1A4 is a transporter for alanine, serine, cysteine, and threonine. It exhibits sodium dependence.</p> <p>Alias Symbols: ASCT1, SATT</p> <p>Protein Interaction Partner: UBC, MYC, ERVW-1,</p> <p>Protein Size: 532</p>
Molecular Weight:	56 kDa
Gene ID:	6509
NCBI Accession:	NM_003038 , NP_003029
UniProt:	P43007
Pathways:	Dicarboxylic Acid Transport

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 532 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-SLC1A4 Antibody Titration:
0.2-1 ug/ml Positive Control: Transfected 293T

Immunohistochemistry

Image 2.

