



Datasheet for ABIN2781666
anti-SLC39A10 antibody (N-Term)



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1 Image

1 Publication

Overview

Quantity:	100 µL
Target:	SLC39A10
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Horse, Rabbit, Cow, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC39A10 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 SLC39A10
Sequence:	LHRQHRGMTE LEPSKFSKQA AENEKYYIE KLFERYGENG RLSFFGLEKL
Predicted Reactivity:	Cow: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against SLC39A10. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	SLC39A10
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Target Details

Alternative Name:	SLC39A10 (SLC39A10 Products)
Background:	<p>Zinc is an essential cofactor for hundreds of enzymes. It is involved in protein, nucleic acid, carbohydrate, and lipid metabolism, as well as in the control of gene transcription, growth, development, and differentiation. SLC39A10 belongs to a subfamily of proteins that show structural characteristics of zinc transporters. Zinc is an essential cofactor for hundreds of enzymes. It is involved in protein, nucleic acid, carbohydrate, and lipid metabolism, as well as in the control of gene transcription, growth, development, and differentiation. SLC39A10 belongs to a subfamily of proteins that show structural characteristics of zinc transporters (Taylor and Nicholson, 2003 [PubMed 12659941]). [supplied by OMIM].</p> <p>Alias Symbols: DKFZp781L10106, LZT-Hs2, MGC126565, MGC138428</p> <p>Protein Interaction Partner: UBC, ELAVL1,</p> <p>Protein Size: 831</p>
Molecular Weight:	94 kDa
Gene ID:	57181
NCBI Accession:	NM_020342 , NP_065075
UniProt:	Q9ULF5

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 831 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.

Handling

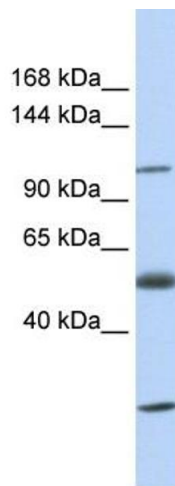
Storage: -20 °C

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.

Publications

Product cited in: Spellman, Ahmed, Dubach, Gardiner: "Expression of trisomic proteins in Down syndrome model systems." in: **Gene**, Vol. 512, Issue 2, pp. 219-25, (2012) ([PubMed](#)).

Validation report #100008 for Western Blotting (WB)



Western Blotting

Image 1. WB Suggested Anti-SLC39A10 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Human heart