

Rabbit anti-Human SLC30A10 Polyclonal Antibody | anti-SLC30A10 antibody

SLC30A10 Antibody (C-term)

CATALOG # AAA284101	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

SLC30A10; Polyclonal Antibody; SLC30A10 Antibody (C-term); Zinc transporter 10; ZnT-10; Solute carrier family 30 member 10; ZNT10; ZNT8; anti-SLC30A10 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SLC30A10 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 331-359 amino acids from the C-terminal region of human SLC30A10.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	331-359
Sequence Length	485
Applicable Applications for anti-SLC30A10 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Function	Plays a pivotal role in manganese transport. Manganese is an essential cation for the function of several enzymes, including some crucially important for the metabolism of neurotransmitters and other neuronal metabolic pathways.
Cellular Location	Cell membrane; Multi-pass membrane protein
Tissue Location	Specifically expressed in fetal liver and fetal brain.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

All lanes : Anti-SLC30A10 Antibody (C-term) at 1:2000 dilution Lane 1: human fetal brain lysate Lane 2: human fetal liver lysate Lysates/proteins at 20 ?g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 53 kDa Blocking/Dilution buffer: 5% NFDm/TBST.



WB (Western Blot)

Anti-SLC30A10 Antibody (C-term) at 1:2000 dilution + human liver lysate Lysates/proteins at 20 ?g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 53 kDa Blocking/Dilution buffer: 5% NFDm/TBST.



WB (Western Blot)

SLC30A10 Antibody (C-term) western blot analysis in ZR-75-1 cell line lysates (35ug/lane).This demonstrates the SLC30A10 antibody detected the SLC30A10 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-SLC30A10 antibody	Zinc functions as a cofactor for numerous enzymes, nuclear factors, and hormones and as an intra- and intercellular signal ion. Members of the zinc transporter (ZNT)/SLC30 subfamily of the cation diffusion facilitator family, such as SLC30A10, permit cellular efflux of zinc (Seve et al., 2004 [PubMed 15154973]).
Product Categories/Family for anti-SLC30A10 antibody	Signal Transduction
References	Wang, L., et al. Cancer Epidemiol. Biomarkers Prev. 17(12):3558-3566(2008) Seve, M., et al. BMC Genomics 5 (1), 32 (2004) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	52351208
NCBI GeneID	55532
NCBI Accession #	NP_061183.2
NCBI GenBank Nucleotide #	NM_018713.2
UniProt Accession #	Q6XR72 ; Q49AL9 ; Q9NPW0
Molecular Weight	52684
NCBI Official Full Name	zinc transporter 10
NCBI Official Synonym Full Names	solute carrier family 30, member 10
NCBI Official Symbol	SLC30A10
NCBI Official Synonym Symbols	ZNT8; ZRC1; HMDPC; ZNT10; ZnT-10
NCBI Protein Information	zinc transporter 10
UniProt Protein Name	Zinc transporter 10
UniProt Gene Name	SLC30A10
UniProt Synonym Gene Names	ZNT10; ZNT8; ZnT-10

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/slc30a10-antibody-western-blot-elisa/284101>