

Rabbit anti-Human, Mouse SLC30A7 Polyclonal Antibody | anti-SLC30A7 antibody

SLC30A7 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA232969	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

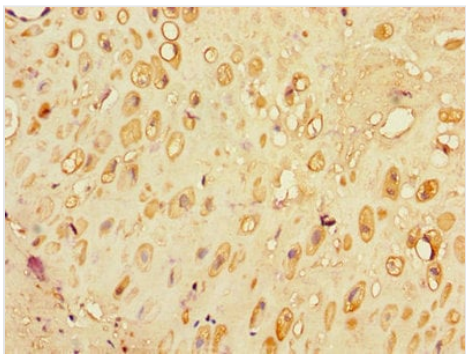
PRODUCT SYNONYMS

SLC30A7; Polyclonal Antibody; SLC30A7 Antibody; Zinc transporter 7ZnT-7; Solute carrier family 30 member 7; Znt-like transporter 2; ZNT7; ZNTL2; anti-SLC30A7 antibody

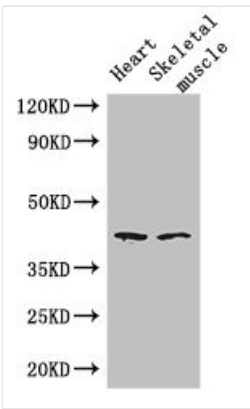
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	376
Applicable Applications for anti-SLC30A7 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human Zinc transporter 7 protein (162-236AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, PH 7.4
Conjugation	Non-conjugated
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-160945 / sc-160946
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human placental tissue using AAA232969 at dilution of 1:100



WB (Western Blot)
Western BlotPositive WB detected in:Mouse heart tissue,Mouse skeletal muscle tissueAll lanes: SLC30A7 antibody at 3ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 42 kDaObserved band size: 42 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-SLC30A7 antibody	Seems to facilitate zinc transport from the cytoplasm into the Golgi apparatus. Partly regulates cellular zinc homeostasis. Required with ZNT5 for the activation of zinc-requiring enzymes, alkaline phosphatases (ALPs). Transports zinc into the lumens of the Golgi apparatus and the vesicular compartments where ALPs locate, thus, converting apoALPs to holoALPs. Required with ZNT5 and ZNT6 for the activation of TNAP (By similarity).
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	222080086
NCBI GeneID	148867
NCBI Accession #	NP_001138356.1
NCBI GenBank Nucleotide #	NM_001144884.1
UniProt Accession #	Q8NEW0; Q8TCH2; B2R949; D3DT61
Molecular Weight	41,626 Da
NCBI Official Full Name	zinc transporter 7
NCBI Official Synonym Full Names	solute carrier family 30 member 7
NCBI Official Symbol	SLC30A7
NCBI Official Synonym Symbols	ZNT7; ZnT-7; ZnTL2
NCBI Protein Information	zinc transporter 7
UniProt Protein Name	Zinc transporter 7
UniProt Gene Name	SLC30A7
UniProt Synonym Gene Names	ZNT7; ZNTL2; ZnT-7
UniProt Entry Name	ZNT7_HUMAN

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.