

Rabbit SLC30A7 Polyclonal Antibody | anti-SLC30A7 antibody

SLC30A7 Antibody (N-term)

CATALOG # AAA291017	HOST Rabbit	REACTIVITY Human Predicted Reactivity: Xenopus, Bovine, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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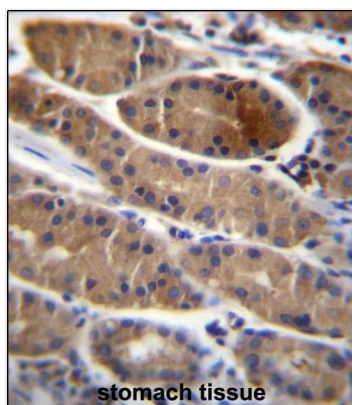
PRODUCT SYNONYMS

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

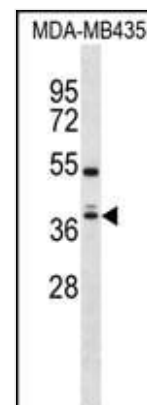
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human Predicted Reactivity: Xenopus, Bovine, Mouse, Rat
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	This SLC30A7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human SLC30A7.
Purity/Purification	Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Applicable Applications for anti-SLC30A7 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Antigen Region	1-30
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.

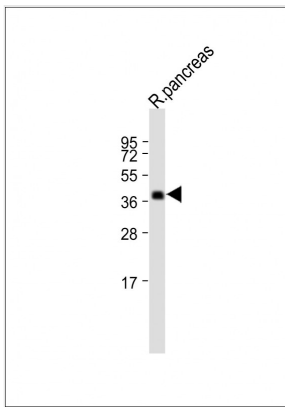
IMAGES



IHC (Immunohistochemisry)
Dilution: IHC-P: 1:10~50



WB (Western Blot)
Dilution: WB 1:1000SLC30A7 Antibody (N-term) (Cat. #AAA291017) western blot analysis in MDA-MB435 cell line lysates (35ug/lane).This demonstrates the SLC30A7 antibody detected the SLC30A7 protein (arrow).



WB (Western Blot)

Dilution: WB 1:1000 All lanes : Anti-SLC30A7 Antibody (N-term) at 1:1000 dilution Lane 1: rat pancreas tissue lysate Lysates/proteins at 20 ug per lane. Secondary Goat Anti-Mouse IgG/A/M(H/L), Peroxidase conjugated at 1/2000 dilution. Observed band size : 40kDa Blocking/Dilution buffer: 5% NFD/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-SLC30A7 antibody	Zinc functions as a cofactor for numerous enzymes, nuclear factors, and hormones and as an intra- and intercellular signal. Members of the zinc transporter (ZNT)/SLC30 subfamily of the cation diffusion facilitator family, such as SLC30A7, permit cellular efflux of zinc (Seve et al., 2004 [PubMed15154973]).
Product Categories/Family for anti-SLC30A7 antibody	Primary Antibodies; Metabolism; Signal Transduction
References	Wang, L., et al. Cancer Epidemiol. Biomarkers Prev. 17 (12):3558-3566 (2008) Zhang, L.H., et al. Brain Res. Bull. 77 (1):55-60 (2008) Overbeck, S., et al. J. Leukoc. Biol. 83 (2):368-380 (2008) Falcon-Perez, J.M., et al. Exp. Cell Res. 313 (7):1473-1483 (2007) Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	222080086
NCBI GeneID	148867
NCBI Accession #	NP_001138356.1; NP_598003.2
NCBI GenBank Nucleotide #	NM_001144884.1
UniProt Accession #	Q8NEW0; Q5BJM8; Q9JKN1; A4IFD7; Q6NRI1; Q52KD7
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

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.

