

Rabbit anti-Human SLC7A8/LAT2 Polyclonal Antibody | anti-SLC7A8 antibody

SLC7A8/LAT2 Rabbit anti-Human Polyclonal (aa63-112) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA162596	Rabbit	Human	Western Blot, Immunohistochemistry, Immunohistochemistry

PRODUCT SYNONYMS

SLC7A8/LAT2; Polyclonal Antibody; SLC7A8/LAT2 Rabbit anti-Human Polyclonal (aa63-112) Antibody; IHC-plus SLC7A8/LAT2 Antibody (aa63-112); SLC7A8; HLA2; LPI-PC1; Integral membrane protein E16H; anti-SLC7A8 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	100% homologous to isoforms 1 (58kDa), 2 (37kDa), 3 (35kDa) and 4 (48kDa) of human SLC7A8.
Purity/Purification	Protein A purified
Form/Format	PBS, 0.09% sodium azide, 2% sucrose
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-SLC7A8 antibody	WB (Western Blot), IHC (Immunohistochemistry), IHC (Immunohistochemistry)
Target	Human SLC7A8/LAT2
Immunogen	Synthetic peptide located between aa63-112 of human SLC7A8 (NP_877392). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Monkey, Galago, Marmoset, Mouse, Rat, Hamster, Elephant, Panda, Bovine, Bat, Rabbit, Horse, Pig, Guinea pig, Platypus, Xenopus, Stickleback, Zebrafish (100%); Dog, Opossum, Turkey, Zebra finch, Chicken (92%).
Conjugation	Unconjugated
Epitope	aa63-112
Family	Transporter
Subfamily	Cationic amino acid transporter
Preparation and Storage	Short term: Store at 2-8 degree C. Long term: Aliquot and store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

SLC7A8/LAT2 Antibody-Anti-SLC7A8/LAT2 antibody IHC staining of human small intestine. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml. This image was taken for the unconjugated form of this product. Other forms have not been tested.



WB (Western Blot)

SLC7A8/LAT2 Antibody-Fetal Liver cell lysate. Antibody concentration: 1.0ug/ml. This image was taken for the unconjugated form of this product. Other forms have not been tested.

ADDITIONAL INFORMATION

Related Product Information for anti-SLC7A8 antibody	LAT2 antibody is an unconjugated rabbit polyclonal antibody to LAT2 (SLC7A8)(aa63-112) from human. It is reactive with human, mouse, rat and other species. Validated for IHC and WB. Tested on 20 paraffin-embedded human tissues.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	33286428
NCBI GeneID	23428
NCBI Accession #	NP_036376.2
NCBI GenBank Nucleotide #	NM_012244
UniProt Accession #	Q9UHI5; Q86U05; Q9UKQ6; Q9UKQ7; Q9UKQ8; Q9Y445; B2R8Q4; B4DKT4; B4DTV6; D3DS46; F2Z2J4
Molecular Weight	48,283 Da
NCBI Official Full Name	large neutral amino acids transporter small subunit 2 isoform a
NCBI Official Synonym Full Names	solute carrier family 7 (amino acid transporter light chain, L system), member 8
NCBI Official Symbol	SLC7A8
NCBI Official Synonym Symbols	LAT2; LPI-PC1
NCBI Protein Information	large neutral amino acids transporter small subunit 2
UniProt Protein Name	Large neutral amino acids transporter small subunit 2
UniProt Gene Name	SLC7A8
UniProt Synonym Gene Names	LAT2; hLAT2
UniProt Entry Name	LAT2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/slc7a8-lat2-antibody-western-blot-immunohistochemistry-immunohistochemistry-elisa/162596>