

Rabbit anti-Human SLC7A5 / CD98 Polyclonal Antibody | anti-SLC7A5 antibody

Rabbit Polyclonal (IgG) to Human SLC7A5 / CD98

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52401	Rabbit	Human	ELISA, Western Blot, Immunohistochemistry

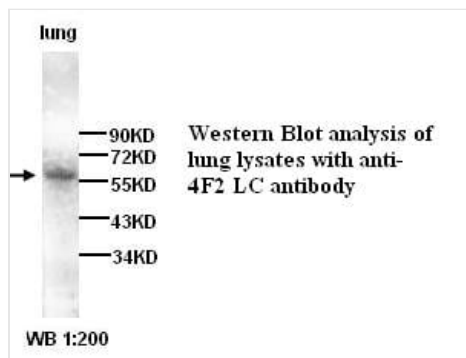
PRODUCT SYNONYMS

SLC7A5 / CD98; Polyclonal Antibody; Rabbit Polyclonal (IgG) to Human SLC7A5 / CD98; Anti-SLC7A5 / CD98 Antibody IHC-plus; SLC7A5; 4F2 LC; 4F2 light chain; 4F2LC; CD98; CD98 light chain; CD98LC; D16S469E; Integral membrane protein E16; Membrane protein E16; MPE16; LAT1; E16; HLA1; TA1; Human SLC7A5; anti-SLC7A5 antibody

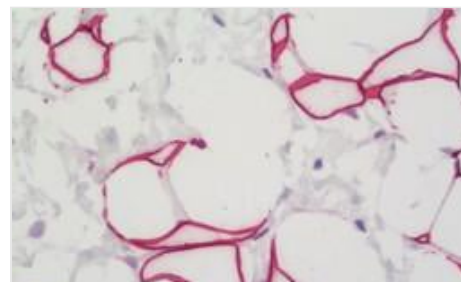
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purified
Form/Format	PBS, pH 7.4, 0.02% sodium azide
Concentration	1 mg/ml (varies by lot)
Sequence Length	507
Applicable Applications for anti-SLC7A5 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic peptide conjugated to KLH
Immunogen Type	Synthetic peptide - KLH conjugated
Preparation and Storage	Store at -20 degree C for up to one year.

IMAGES



WB (Western Blot)



IHC (Immunohistochemistry)
Human Breast: Formalin-Fixed, Paraffin-Embedded (FFPE)

ADDITIONAL INFORMATION

Related Product Information for anti-SLC7A5 antibody	Solute carrier family 7 member 5 (SLC7A5) is also known as large neutral amino acids transporter small subunit 1. It acts as an amino acid exchanger and is involved in the transport of L-DOPA across the blood-brain barrier, and that of thyroid hormones triiodothyronine (T3) and thyroxine (T4) across the cell membrane in tissues such as placenta. It plays a role in neuronal cell proliferation (neurogenesis) in brain and acts as the major transporter of tyrosine in fibroblasts.
Product Categories/Family for anti-SLC7A5 antibody	Family: Transporter ; Subfamily: Cationic amino acid transporter

NCBI AND UNIPROT INFORMATION

NCBI GI #	71979932
NCBI GeneID	8140
NCBI Accession #	NP_003477.4
NCBI GenBank Nucleotide #	NM_003486.5
UniProt Accession #	Q01650 ; Q8IV97 ; Q9UBN8 ; Q9UP15 ; Q9UQC0
Molecular Weight	55,010 Da
NCBI Official Full Name	large neutral amino acids transporter small subunit 1
NCBI Official Synonym Full Names	solute carrier family 7 (amino acid transporter light chain, L system), member 5
NCBI Official Symbol	SLC7A5
NCBI Official Synonym Symbols	E16; CD98; LAT1; 4F2LC; MPE16; hLAT1; D16S469E
NCBI Protein Information	large neutral amino acids transporter small subunit 1; 4F2 LC; 4F2 light chain; CD98 light chain; integral membrane protein E16; L-type amino acid transporter 1; solute carrier family 7 member 5; large neutral amino acids transporter 1; y+ system cationic amino acid transporter; sodium-independent neutral amino acid transporter LAT1; solute carrier family 7 (cationic amino acid transporter, y+ system), member 5
UniProt Protein Name	Large neutral amino acids transporter small subunit 1
UniProt Gene Name	SLC7A5
UniProt Synonym Gene Names	CD98LC; LAT1; MPE16; 4F2 LC; 4F2LC; hLAT1
UniProt Entry Name	LAT1_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/slc7a5-cd98-antibody-western-blot-immunohistochemistry-elisa/52401>