

Rabbit SLC7A5/CD98 Light Chain Polyclonal Antibody | anti-SLC7A5 antibody

SLC7A5/CD98 Light Chain Rabbit anti-Human Polyclonal (aa1-125) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA162895	Rabbit	Mouse, Rat, Human	Western Blot, Immunohistochemistry, Immunohistochemistry

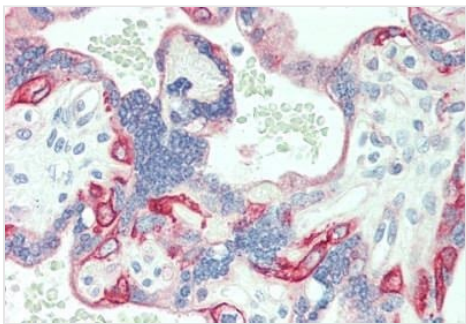
PRODUCT SYNONYMS

SLC7A5/CD98 Light Chain; Polyclonal Antibody; SLC7A5/CD98 Light Chain Rabbit anti-Human Polyclonal (aa1-125) Antibody; IHC-plus SLC7A5/CD98 Light Chain Antibody (aa1-125); 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; anti-SLC7A5 antibody

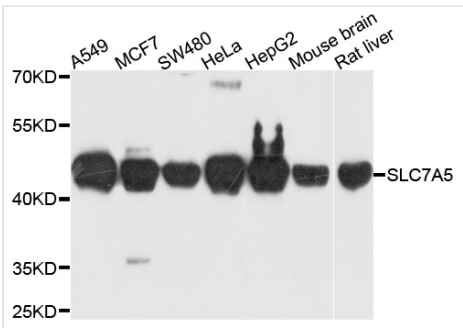
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat, Human
Clonality	Polyclonal
Isotype	IgG
Specificity	Human SLC7A5/CD98 Light Chain
Purity/Purification	Affinity purified
Form/Format	PBS, pH7.3, 0.02% Sodium Azide, 50% Glycerol
Concentration	1.133mg/ml (varies by lot)
Applicable Applications for anti-SLC7A5 antibody	WB (Western Blot), IHC (Immunohistochemistry), IHC (Immunohistochemistry)
Target	Human SLC7A5/CD98 Light Chain
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-125 of human SLC7A5 (NP_003477.4). MAGAGPKRRALAAPAAEEKEEAREKMLAAKSADGSAPAGEGEGVTLQRNITLLNGVAIIVGTIIGSGIFVTPGTGVLKEAGSPGLALVVAACGVFSIVGALC
Conjugation	Unconjugated
Epitope	aa1-125
Family	Transporter
Subfamily	Cationic amino acid transporter
Preparation and Storage	Store at -20 degree C. Avoid freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
SLC7A5/CD98 Light Chain Antibody-Human Placenta: Formalin-Fixed, Paraffin-Embedded (FFPE)



WB (Western Blot)
SLC7A5/CD98 Light Chain Antibody-Western blot analysis of cell lines, extracts of mouse brain and rat liver.

ADDITIONAL INFORMATION

Related Product Information for anti-SLC7A5 antibody	CD98 Light Chain antibody is an unconjugated rabbit polyclonal antibody to CD98 Light Chain (SLC7A5)(aa1-125) from human. It is reactive with human, mouse and rat. Validated for IHC and WB. Tested on 20 paraffin-embedded human tissues.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	71979932
NCBI GeneID	8140
NCBI Accession #	NP_003477.4
NCBI GenBank Nucleotide #	NM_003486
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
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.