

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

SLC7A5 Antibody

CATALOG # AAA307500	HOST Rabbit	REACTIVITY Human
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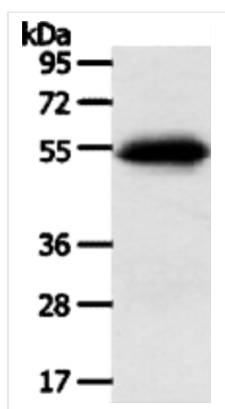
PRODUCT SYNONYMS

SLC7A5; Polyclonal Antibody; SLC7A5 Antibody; E16; CD98; LAT1; 4F2LC; MPE16; hLAT1; anti-SLC7A5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total SLC7A5 protein.
Purity/Purification	Antigen affinity purification
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	0.4mg/ml (varies by lot)
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human Solute carrier family 7 member 5
Target Name	SLC7A5
Preparation and Storage	Store at -20°C

IMAGES



SDS-PAGE

Gel: 8%SDS-PAGE, Lysate: 40 µg, Lane: 823 cells, Primary antibody: SLC7A5 Antibody at dilution 1/250, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 2 minutes

ADDITIONAL INFORMATION

Related Product Information for anti-SLC7A5 antibody	Solute carrier family 7 member 5 also known as large neutral amino acids transporter small subunit 1 is a protein that in humans is encoded by the SLC7A5 gene.It is sodium-independent, high-affinity transport of large neutral amino acids such as phenylalanine, tyrosine, leucine, arginine and tryptophan, when associated with SLC3A2/4F2hc.It involved in cellular amino acid uptake and 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.Acts as an amino acid exchanger and plays a role in neuronal cell proliferation (neurogenesis) in brain.
Product Categories/Family for anti-SLC7A5 antibody	Total protein Ab

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	55kd
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
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.