

Rabbit SLC7A7 Polyclonal Antibody | anti-SLC7A7 antibody

SLC7A7 antibody - middle region

CATALOG # AAA199334	HOST Rabbit	REACTIVITY Tested Reactivity: Human Predicted Reactivity: Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit
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PRODUCT SYNONYMS

SLC7A7; Polyclonal Antibody; SLC7A7 antibody - middle region; anti-SLC7A7 antibody

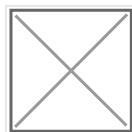
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested Reactivity: Human Predicted Reactivity: Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	Batch dependent within range: 100 ul at 0.5 - 1 mg/ml (varies by lot)
Sequence	WGTLVQDIFT YAKVLALIAV IVAGIVRLGQ GASTHFENSF EGSSFAVGDI
Protein Size (# AA)	511 amino acids
Blocking Peptide	For anti-SLC7A7 antibody is Catalog # Interactions
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human SLC7A7
Predicted Homology	Cow: 100%; Dog: 86%; Guinea Pig: 79%; Horse: 100%; Human: 100%; Mouse: 79%; Pig: 93%; Rabbit: 100%; Rat: 79%
Replacement Item	This antibody may replace item sc-34553 from Santa Cruz Biotechnology.
Preparation and Storage	For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

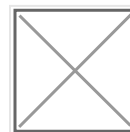
WB Suggested Anti-SLC7A7 Antibody Titration: 0.2-1 ug/ml Positive Control: PANC1 cell lysate


WB (Western Blot)

Host: Rabbit Target Name: SLC7A7 Sample Type: Human Fetal Heart Antibody Dilution: 1.0ug/ml


WB (Western Blot)

Host: Rabbit Target Name: SLC7A7 Sample Type: Human Fetal Lung Antibody Dilution: 1.0ug/ml


IHC (Immunohistochemistry)

Rabbit Anti-SLC7A7 antibody Formalin Fixed Paraffin Embedded Tissue: Human Kidney Primary antibody Concentration: 1:100 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20x Exposure Time: 0.5-2.0sec

ADDITIONAL INFORMATION

Related Product Information for anti-SLC7A7 antibody	The protein encoded by this gene is the light subunit of a cationic amino acid transporter. This sodium-independent transporter is formed when the light subunit encoded by this gene dimerizes with the heavy subunit transporter protein SLC3A2. This transporter is found in epithelial cell membranes where it transfers cationic and large neutral amino acids from the cell to the extracellular space. Defects in this gene are a cause of lysinuric protein intolerance (LPI). Several transcript variants encoding the same protein have been found for this gene.
Product Categories/Family for anti-SLC7A7 antibody	Polyclonal; Membrane Protein; Drugs and Drug Metabolism; Cell Biology; Membrane & Traffic

NCBI AND UNIPROT INFORMATION

NCBI GI #	186910304
NCBI GeneID	9056
NCBI Accession #	NP_003973
NCBI GenBank Nucleotide #	NM_003982
UniProt Accession #	Q9UM01
Molecular Weight	56kDa
NCBI Official Synonym Full Names	solute carrier family 7 member 7
NCBI Official Symbol	SLC7A7
NCBI Official Synonym Symbols	LPI; LAT3; MOP-2; Y+LAT1; y+LAT-1
NCBI Protein Information	Y+L amino acid transporter 1
UniProt Protein Name	Y+L amino acid transporter 1
UniProt Gene Name	SLC7A7
UniProt Synonym Gene Names	MOP-2; Y+LAT1; y+LAT-1

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/slc7a7-antibody-elisa/199334>