

Rabbit SLC7A8 Polyclonal Antibody | anti-SLC7A8 antibody

SLC7A8 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199346	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot

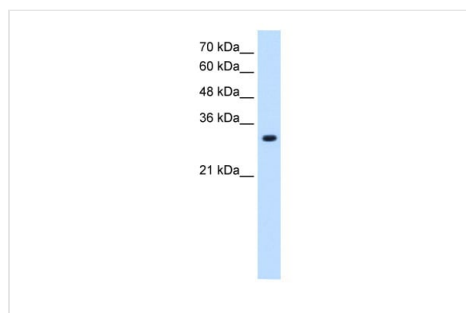
PRODUCT SYNONYMS

SLC7A8; Polyclonal Antibody; SLC7A8 antibody - middle region; anti-SLC7A8 antibody

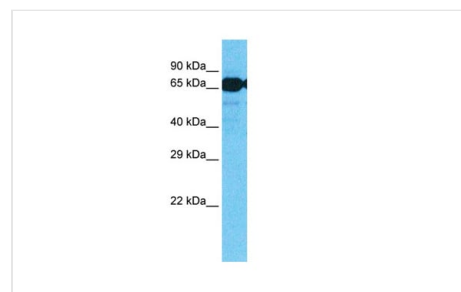
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Specificity	100% homologous to isoforms 1 (58kDa), 2 (37kDa), 3 (35kDa) and 4 (48kDa).
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide located within the following region: PR AIFISIP LVT FVYVFANVAY VTAMSPQELL ASNAVAVTFG EKLLGVMA
Sequence Length	332
Applicable Applications for anti-SLC7A8 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 93%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human SLC7A8
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-SLC7A8 Antibody Titration: 1.25ug/ml Positive Control: HepG2 cell lysate


WB (Western Blot)

Host: Rabbit Target Name: SLC7A8 Sample Type: Fetal Liver Cell lysates Antibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-SLC7A8 antibody	This is a rabbit polyclonal antibody against SLC7A8. It was validated on Western Blot using a cell lysate as a positive control. Target Description: SLC7A8 is sodium-independent, high-affinity transport of large neutral amino acids. It has higher affinity for L-phenylalanine than LAT1 but lower affinity for glutamine and serine. L-alanine is transported at physiological concentrations. SLC7A8 also plays a role in basolateral (re)absorption of neutral amino acids.
Product Categories/Family for anti-SLC7A8 antibody	Polyclonal; Membrane Protein; Drugs and Drug Metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	33286428
NCBI GeneID	23428
NCBI Accession #	NP_877392
NCBI GenBank Nucleotide #	NM_182728
UniProt Accession #	Q9UHI5
Molecular Weight	37kDa
NCBI Official Full Name	large neutral amino acids transporter small subunit 2 isoform a
NCBI Official Synonym Full Names	solute carrier family 7 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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/slc7a8-antibody-western-blot-elisa/199346>