

Rabbit SLC7A11 Polyclonal Antibody | anti-SLC7A11 antibody

SLC7A11 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199351	Rabbit	Tested Species Reactivity: Human Predicted Species Reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep	Western Blot

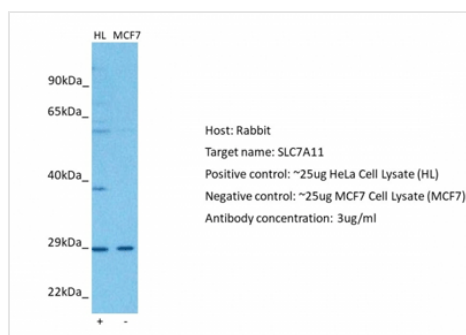
PRODUCT SYNONYMS

SLC7A11; Polyclonal Antibody; SLC7A11 antibody - middle region; anti-SLC7A11 antibody

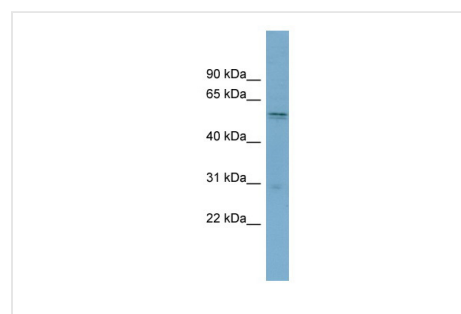
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested Species Reactivity: Human Predicted Species Reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep
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	0.5mg/mL (varies by lot)
Sequence	Synthetic peptide with the following region: KG QTQNFKDAFS GRDSSITRLP LAFYYGMYAY AGWFYLNFTV EEEVENPEK
Sequence Length	501
Applicable Applications for anti-SLC7A11 antibody	WB (Western Blot)
Homology	Cow: 92%; Dog: 92%; Guinea Pig: 92%; Horse: 92%; Human: 100%; Mouse: 85%; Rabbit: 92%; Rat: 85%; Sheep: 92%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human SLC7A11
Protein Size (#AA)	501 amino acids
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)

Host: Rabbit
Target: SLC7A11
Positive control (+): HeLa Cell Lysate (HL)
Negative control (-): MCF7 Cell Lysate (N10)
Antibody concentration: 3ug/ml


WB (Western Blot)

WB Suggested Anti-SLC7A11 Antibody Titration: 0.2-1 ug/mL
ELISA Titer: 1:312500
Positive Control: THP-1 cell lysate

ADDITIONAL INFORMATION

Related Product Information for anti-SLC7A11 antibody	This is a rabbit polyclonal antibody against SLC7A11. It was validated on Western Blot using a cell lysate as a positive control. Target Description: SLC7A11 is a member of a heteromeric Na(+)-independent anionic amino acid transport system highly specific for cystine and glutamate. In this system, designated system Xc(-), the anionic form of cystine is transported in exchange for glutamate.
Product Categories/Family for anti-SLC7A11 antibody	Polyclonal; Membrane Protein; Drugs and Drug Metabolism; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	7657683
NCBI GeneID	23657
NCBI Accession #	NP_055146
NCBI GenBank Nucleotide #	NM_014331
UniProt Accession #	Q9UPY5
Molecular Weight	55kDa
NCBI Official Full Name	cystine/glutamate transporter
NCBI Official Synonym Full Names	solute carrier family 7 member 11
NCBI Official Symbol	SLC7A11
NCBI Official Synonym Symbols	xCT; CCBR1
NCBI Protein Information	cystine/glutamate transporter
UniProt Protein Name	Cystine/glutamate transporter
UniProt Gene Name	SLC7A11
UniProt Entry Name	XCT_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/slc7a11-antibody-western-blot-elisa/199351>