

Rabbit SLC7A2 Polyclonal Antibody | anti-SLC7A2 antibody

SLC7A2 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA281219	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

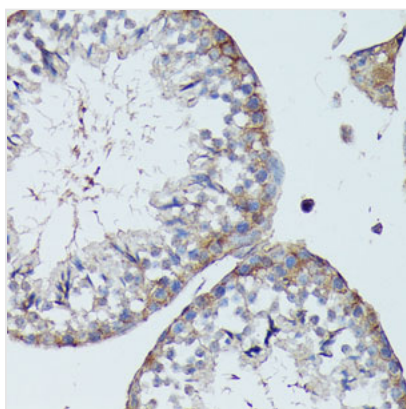
PRODUCT SYNONYMS

SLC7A2; Polyclonal Antibody; SLC7A2 Polyclonal Antibody; ATRC2; CAT2; HCAT2; solute carrier family 7 member 2; anti-SLC7A2 antibody

PRODUCT SPECIFICATIONS

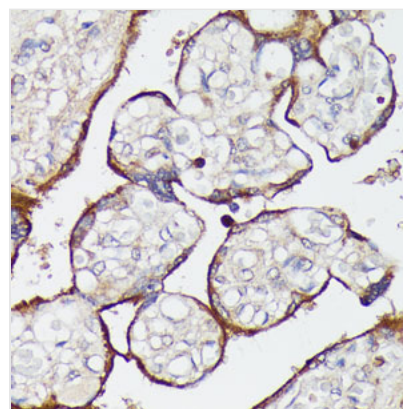
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence Length	658
Applicable Applications for anti-SLC7A2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 500 to the C-terminus of human SLC7A2 (NP_001008539.3).
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles. Buffer: PBS with 0.09% Sodium azide, 50% glycerol, pH7.3.

IMAGES



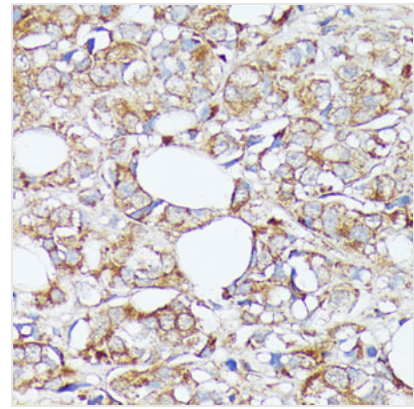
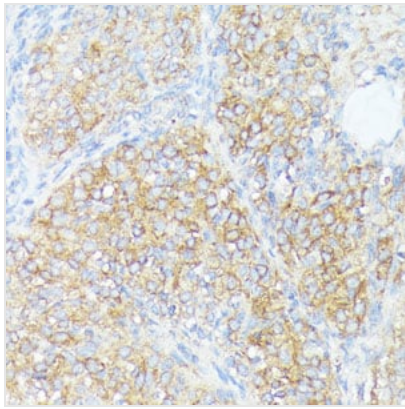
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse testis using SLC7A2 antibody (AAA281219) at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human placenta using SLC7A2 antibody (AAA281219) at dilution of 1:100 (40x lens).

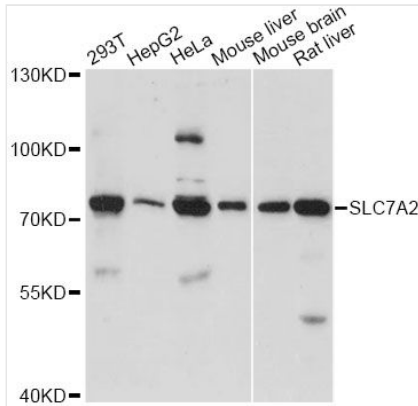


IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded rat ovary using SLC7A2 antibody (AAA281219) at dilution of 1:100 (40x lens).

IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded human mammary cancer using SLC7A2 antibody (AAA281219) at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using SLC7A2 antibody (AAA281219) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-SLC7A2 antibody	The protein encoded by this gene is a cationic amino acid transporter and a member of the APC (amino acid-polyamine-organocation) family of transporters. The encoded membrane protein is responsible for the cellular uptake of arginine, lysine and ornithine. Three transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-SLC7A2 antibody	Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	258614005
NCBI GeneID	6542
NCBI Accession #	NP_001008539.3
NCBI GenBank Nucleotide #	NM_001008539.3
UniProt Accession #	P52569 ; O15291 ; O15292 ; Q14CQ6 ; Q6NSZ7 ; Q86TC6 ; B7ZL54
Molecular Weight	Calculated: 71kDa; 75kDa; 76kDa Observed: 72kDa
NCBI Official Full Name	cationic amino acid transporter 2 isoform 2

NCBI Official Synonym Full Names	solute carrier family 7 member 2
NCBI Official Symbol	SLC7A2
NCBI Official Synonym Symbols	CAT2; ATRC2; HCAT2
NCBI Protein Information	cationic amino acid transporter 2
UniProt Protein Name	Cationic amino acid transporter 2
UniProt Gene Name	SLC7A2
UniProt Synonym Gene Names	ATRC2; CAT2; CAT-2; CAT2

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/slc7a2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/281219>