

Rabbit SLC7A2 Polyclonal Antibody | anti-SLC7A2 antibody

Rabbit Polyclonal to Human SLC7A2

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51507	Rabbit	Chimpanzee, Gorilla, Human, Mouse, Pig, Rabbit, Rat Predicted Reactivity: Orangutan, Gibbon, Monkey, Bat, Bovine, Hamster, Horse (at least 90% immunogen sequence identity)	Immunohistochemistry

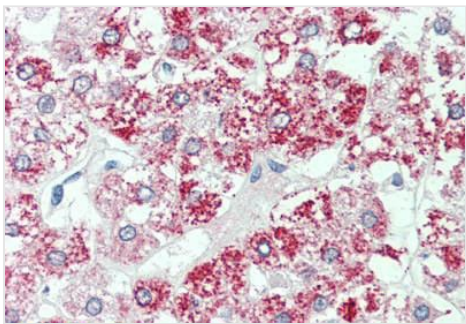
PRODUCT SYNONYMS

SLC7A2; Polyclonal Antibody; Rabbit Polyclonal to Human SLC7A2; Anti-SLC7A2 Antibody (Internal) IHC-plus; ATRC2; CAT2; HCAT2; CAT-2; Human SLC7A2; anti-SLC7A2 antibody

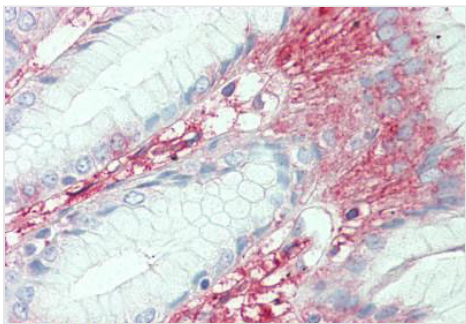
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Chimpanzee, Gorilla, Human, Mouse, Pig, Rabbit, Rat Predicted Reactivity: Orangutan, Gibbon, Monkey, Bat, Bovine, Hamster, Horse (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human SLC7A2. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except TPR (67%).
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	658
Applicable Applications for anti-SLC7A2 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 12 amino acid peptide from internal region of human SLC7A2.
Immunogen Type	Synthetic peptide
Immunogen	SLC7A2 antibody was raised against synthetic 12 amino acid peptide from internal region of human SLC7A2. Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla, Monkey, Mouse, Rat, Rabbit, Pig (100%); Orangutan, Gibbon, Galago, Marmoset, Hamster, Bovine, Bat, Horse (92%); Panda, Dog, Platypus (83%).
Antigen Modification	Internal
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)
Anti-SLC7A2 antibody IHC of human adrenal. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-SLC7A2 antibody IHC of human stomach. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-SLC7A2 antibody	Solute Carrier Family 7, Member 2, (SLC7A2) also known as Cationic Amino Acid Transporter 2 (hCAT2)mediates the transport of the cationic amino acids arginine, lysine and ornithine and is a member of the APC family of transporters. The transport characteristics of hCAT2 are consistent with those of the y+ system which is involved in susceptibility to murine ecotropic retroviruses.
Product Categories/Family for anti-SLC7A2 antibody	Family: Transporter; Subfamily: Cationic amino acid transporter

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	75,986 Da
NCBI Official Full Name	cationic amino acid transporter 2 isoform 2
NCBI Official Synonym Full Names	solute carrier family 7 (cationic amino acid transporter, y+ system), member 2
NCBI Official Symbol	SLC7A2
NCBI Official Synonym Symbols	CAT2; ATRC2; HCAT2
NCBI Protein Information	cationic amino acid transporter 2; low affinity 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
UniProt Entry Name	CTR2_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.