

Rabbit SLC7A2 Polyclonal Antibody | anti-SLC7A2 antibody

Rabbit Polyclonal to Human SLC7A2

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52241	Rabbit	Chimpanzee, Gorilla, Human, Orangutan Predicted Reactivity: Gibbon (at least 90% immunogen sequence identity)	Immunohistochemistry

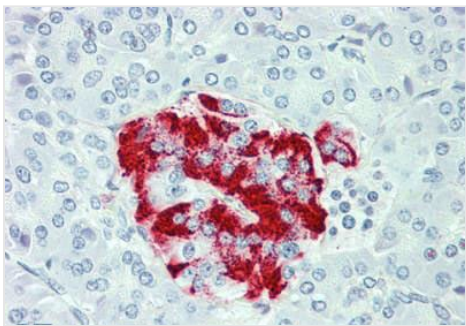
PRODUCT SYNONYMS

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

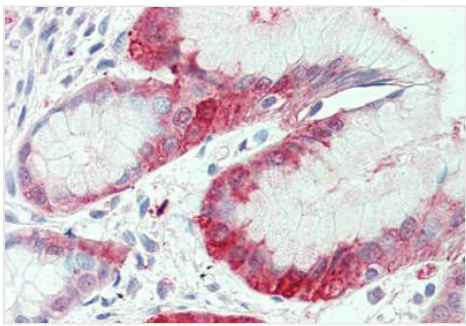
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Chimpanzee, Gorilla, Human, Orangutan Predicted Reactivity: Gibbon (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human SLC7A2. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	0.7 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 C-Terminus of human SLC7A2. Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan (100%); Gibbon (92%); Monkey, Marmoset, Opossum, Turkey (83%).
Immunogen Type	Synthetic peptide
Immunogen	SLC7A2 antibody was raised against synthetic 12 amino acid peptide from C-Terminus of human SLC7A2. Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan (100%); Gibbon (92%); Monkey, Marmoset, Opossum, Turkey (83%).
Antigen Modification	C-Terminus
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)
Anti-SLC7A2 antibody IHC of human pancreas. 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.