

Rabbit SLC1A5 / ASCT2 Polyclonal Antibody | anti-SLC1A5 antibody

Rabbit Polyclonal to Human SLC1A5 / ASCT2

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51167	Rabbit	Gorilla, Human, Monkey Predicted Reactivity: Gibbon (at least 90% immunogen sequence identity)	Immunohistochemistry

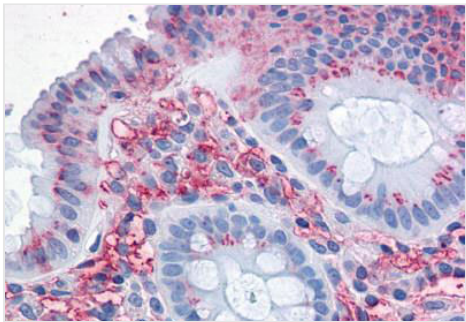
PRODUCT SYNONYMS

SLC1A5 / ASCT2; Polyclonal Antibody; Rabbit Polyclonal to Human SLC1A5 / ASCT2; Anti-SLC1A5 / ASCT2 Antibody (Internal) IHC-plus; SLC1A5; ATBO; ASCT2; ATB0; Baboon M7 virus receptor; AAAT; M7VS1; M7V1; R16; RDRC; RD114 virus receptor; RDR; ATB(0); Human SLC1A5; anti-SLC1A5 antibody

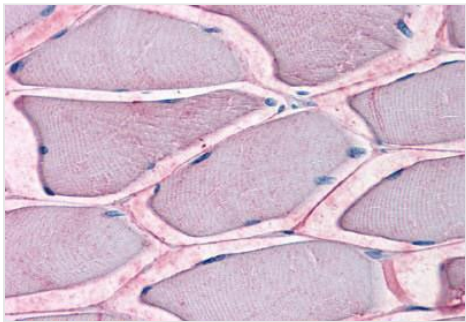
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Gorilla, Human, Monkey Predicted Reactivity: Gibbon (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human SLC1A5. 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	0.4 mg/ml (varies by lot)
Sequence Length	541
Applicable Applications for anti-SLC1A5 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 17 amino acid peptide from internal region of human SLC1A5. Percent identity with other species by BLAST analysis: Human, Gorilla, Monkey (100%); Gibbon (94%).
Immunogen Type	Synthetic peptide
Immunogen	SLC1A5 / ASCT2 antibody was raised against synthetic 17 amino acid peptide from internal region of human SLC1A5. Percent identity with other species by BLAST analysis: Human, Gorilla, Monkey (100%); Gibbon (94%).
Antigen Modification	Internal
Preparation and Storage	Short term 4 degree C, long term aliquot and store at -20 degree C, avoid freeze thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Anti-SLC1A5 antibody IHC of human colon. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-SLC1A5 antibody IHC of human skeletal muscle. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-SLC1A5 antibody	Solute Carrier Family 1 Member 5 (Slc1a5/ASCT2) belongs to a family of sodium dependent amino acid transporters. Slc1a5 has a preference for transporting zwitter ions. Slc1a5 also functions as a cell surface receptor for endogenously inherited retroviruses of cats, baboons and humans as well as for horizontally transmitted type-D simian retroviruses. In addition, it has been associated with increased metabolism in malignant tumors.
Product Categories/Family for anti-SLC1A5 antibody	Family: Transporter ; Subfamily: Sodium:dicarboxylate symporter

NCBI AND UNIPROT INFORMATION

NCBI GI #	5032093
NCBI GeneID	6510
NCBI Accession #	NP_005619.1
NCBI GenBank Nucleotide #	NM_005628.2
UniProt Accession #	Q15758 ; O95720 ; Q96RL9 ; Q9BWQ3 ; Q9UNP2 ; A8K9H5 ; B4DR77 ; B4DWS4 ; B7ZB81 ; D0EYG6 ; E9PC01
Molecular Weight	33,710 Da
NCBI Official Full Name	neutral amino acid transporter B(0) isoform 1
NCBI Official Synonym Full Names	solute carrier family 1 (neutral amino acid transporter), member 5
NCBI Official Symbol	SLC1A5
NCBI Official Synonym Symbols	R16; AAAT; ATBO; M7V1; RDRC; ASCT2; M7VS1
NCBI Protein Information	neutral amino acid transporter B(0); neutral amino acid transporter B(0); ATB(0); RD114 virus receptor; baboon M7 virus receptor; solute carrier family 1 member 5; RD114/simian type D retrovirus receptor; sodium-dependent neutral amino acid transporter type 2
UniProt Protein Name	Neutral amino acid transporter B(0)
UniProt Gene Name	SLC1A5
UniProt Synonym Gene Names	ASCT2; M7V1; RDR; RDRC; ATB(0)
UniProt Entry Name	AAAT_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.