

Rabbit anti-Human SLC1A4 Polyclonal Antibody | anti-SLC1A4 antibody

SLC1A4 Antibody

CATALOG # AAA303800	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

SLC1A4; Polyclonal Antibody; SLC1A4 Antibody; SATT; ASCT1; anti-SLC1A4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total SLC1A4 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	1.6 mg/ml (varies by lot)
Sequence Length	234
Applicable Applications for anti-SLC1A4 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human Solute carrier family 1 (glutamate/neutral amino acid transporter), member 4
Target Name	SLC1A4
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human cervical cancer tissue using at dilution 1/40.



Application Data

Gel: 10+12%SDS-PAGE Lysates (from left to right): Human liver cancer tissue Amount of lysate: 30ug per lane Primary antibody: 1/800 dilution Secondary antibody dilution: 1/8000 Exposure time: 20 seconds

ADDITIONAL INFORMATION

Related Product Information for anti-SLC1A4 antibody

Neutral amino acid transporter A is a protein that in humans is encoded by the SLC1A4 gene. In melanocytic cells SLC1A4 gene expression may be regulated by MITF. ASCT1 does not transport glutamate or aspartate but alanine, serine, cysteine, and threonine instead. ASCT1 transporter functions primarily as an amino acid exchanger. Transport is associated with a chloride channel activity that is thermodynamically uncoupled from amino acid transport.

NCBI AND UNIPROT INFORMATION

NCBI GI #	301601644
NCBI GeneID	6509
NCBI Accession #	NP_001180422.1
NCBI GenBank Nucleotide #	NM_001193493.1
UniProt Accession #	P43007; B7Z3C0; D6W5F0
Molecular Weight	24,620 Da
NCBI Official Full Name	neutral amino acid transporter A isoform 2
NCBI Official Synonym Full Names	solute carrier family 1 (glutamate/neutral amino acid transporter), member 4
NCBI Official Symbol	SLC1A4
NCBI Official Synonym Symbols	SATT; ASCT1
NCBI Protein Information	neutral amino acid transporter A
UniProt Protein Name	Neutral amino acid transporter A
UniProt Gene Name	SLC1A4
UniProt Synonym Gene Names	ASCT1; SATT; ASCT-1
UniProt Entry Name	SATT_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://stage.aaabiotech.com/polyclonal/slc1a4-antibody-immunohistochemistry-western-blot-elisa/303800>