

Rabbit SLC1A4 Polyclonal Antibody | anti-SLC1A4 antibody

Anti-SLC1A4 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45670	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

SLC1A4; Polyclonal Antibody; Anti-SLC1A4 antibody; Neutral amino acid transporter A; solute carrier family 1(glutamate/neutral amino acid transporter); member 4; Alanine/serine/cysteine/threonine transporter 1 antibody; ASCT-1 antibody; ASCT1 antibody; AW045657 antibody; Glutamate/neutral amino acid transporter antibody; Neutral amino acid transporter A antibody; OTTHUMP00000159933 antibody; OTTHUMP00000235138 antibody; SATT antibody; SATT_HUMAN antibody; SLC1A4 antibody; Solute carrier family 1(glutamate/neutral amino acid transporter); member 4 antibody; Solute carrier family 1 member 4 antibody; anti-SLC1A4 antibody

PRODUCT SPECIFICATIONS

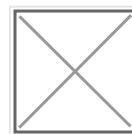
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	532
Applicable Applications for anti-SLC1A4 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human SLC1A4 (495-512aa EAIPNCKSEETSPVTH), different from the related rat and mouse sequences by one amino acid.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)

Anti-SLC1A4 antibody, AAA45670, IHC(P)IHC(P): Human Intestinal Cancer Tissue



WB (Western Blot)

Anti-SLC1A4 antibody, AAA45670, Western blottingLane 1: U87 Cell LysateLane 2: Rat Brain Tissue LysateLane 3: Mouse Brain Tissue Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-SLC1A4 antibody	Description: Rabbit IgG polyclonal antibody for Neutral amino acid transporter A(SLC1A4) detection. Tested with WB, IHC-P in Human, Mouse, Rat. Background: Neutral amino acid transporter A, also called SLC1A4 or ASCT1, is a protein that in humans is encoded by the SLC1A4 gene. The SLC1A4 gene is mapped to chromosome 2p14 based on an alignment of the SLC1A4 sequence with the genomic sequence(GRCh37). ASCT1 does not transport glutamate or aspartate but alanine, serine, cysteine, and threonine instead. It is found that the 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. This gene also exhibits sodium dependence.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1173365
NCBI GeneID	6509
UniProt Accession #	P43007; B7Z3C0; D6W5F0
Molecular Weight	24,620 Da
NCBI Official Full Name	Neutral amino acid transporter A
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; ASCT-1; solute carrier family 1 member 4; glutamate/neutral amino acid transporter; alanine/serine/cysteine/threonine transporter 1
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/45670>