Rabbit anti-Human, Mouse SLC1A4/ASCT1 Polyclonal Antibody | anti-SLC1A4/ASCT1 antibody

Rabbit anti-SLC1A4/ASCT1 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213194	**Rabbit**	**Human, Mouse**	**Immunoprecipitation, Western Blot**

PRODUCT SYNONYMS

SLC1A4/ASCT1; Polyclonal Antibody; Rabbit anti-SLC1A4/ASCT1 Antibody; Affinity Purified; neutral amino acid transporter A; SPATCCM; Solute carrier family 1 member 4; SATT; glutamate/neutral amino acid transporter; ASCT-1; ASCT1; alanine/serine/cysteine/threonine transporter 1; solute carrier family 1 (glutamate/neutral amino acid transporter); member 4; Neutral amino acid transporter A; solute carrier family 1 member 4; anti-SLC1A4/ASCT1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-SLC1A4/ASCT1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 482 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES

WB (Western Blot)
Detection of human and mouse SLC1A4 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, Jurkat, and mouse TCMK-1 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-SLC1A4 antibody AAA213194 (lot AAA213194-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

IP (Immunoprecipitation)
Detection of human SLC1A4 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from Jurkat cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-SLC1A4 antibody AAA213194 (lot AAA213194-1) used for IP at 6 ug per reaction. SLC1A4 was also immunoprecipitated by rabbit anti-SLC1A4 antibody For blotting immunoprecipitated SLC1A4, AAA213194 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-SLC1A4/ASCT1 antibody	SLC1A4/ASCT1 is a transporter for alanine, serine, cysteine, and threonine. SLC1A4/ASCT1 exhibits sodium dependence [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/P43007].
Product Categories/Family for anti-SLC1A4/ASCT1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	21314632
NCBI GeneID	6509
NCBI Accession #	NP_003029.2
NCBI GenBank Nucleotide #	NM_003038.4
UniProt Accession #	P43007; B7Z3C0; D6W5F0
Molecular Weight	24,620 Da
NCBI Official Full Name	neutral amino acid transporter A isoform 1
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-asct1-antibody-immunoprecipitation-western-blot-elisa/213194