

Rabbit anti-Human ASCT2 Polyclonal Antibody | anti-ASCT2 antibody

Rabbit anti-ASCT2 Antibody, Affinity Purified

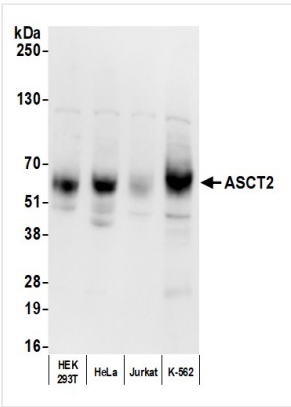
CATALOG # AAA212638	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

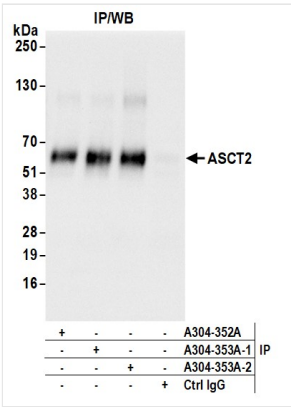
ASCT2; Polyclonal Antibody; Rabbit anti-ASCT2 Antibody; Affinity Purified; R16; Solute carrier family 1 member 5; solute carrier family 1 (neutral amino acid transporter); member 5; sodium-dependent neutral amino acid transporter type 2; RDRC; RD114/simian type D retrovirus receptor; RD114 virus receptor; ATBO; neutral amino acid transporter B; M7VS1; M7V1; baboon M7 virus receptor; AAAT; ATB(0); neutral amino acid transporter B(0); Neutral amino acid transporter B(0); solute carrier family 1 member 5; anti-ASCT2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
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-ASCT2 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 491 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



WB (Western Blot)
Detection of human ASCT2 by western blot. Samples: Whole cell lysate (10 ug) from HEK293T, HeLa, Jurkat, and K-562 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-ASCT2 antibody (AAA212638 lot 2) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)
Detection of human ASCT2 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 10% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-ASCT2 antibody (AAA212638 lot 2) used for IP at 6 ug per reaction. ASCT2 was also immunoprecipitated by a previous lot of this antibody (AAA212638 lot 1) and a second antibody against a different epitope of ASCT2 . For blotting immunoprecipitated ASCT2, AAA212638 was used at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 1 second.

ADDITIONAL INFORMATION

Related Product Information for anti-ASCT2 antibody	The SLC1A5 gene encodes the sodium-dependent neutral amino acid transporter type 2 (ASCT2), a sodium-dependent neutral amino acid transporter that can act as a receptor for RD114/type D retrovirus (Larriba et al., 2001 [PubMed 11781704]) [taken from NCBI Entrez Gene (Gene ID: 6510)].
Product Categories/Family for anti-ASCT2 antibody	Primary Antibodies

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; RDR; 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 ty
UniProt Protein Name	Neutral amino acid transporter B(0)
UniProt Gene Name	SLC1A5
UniProt Synonym Gene Names	ASCT2; M7V1; RDR; RDR; 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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/asct2-antibody-immunoprecipitation-western-blot-elisa/212638>