

Rabbit anti-Human SLC3A1 Polyclonal Antibody | anti-SLC3A1 antibody

SLC3A1 Antibody (Center)

CATALOG # AAA284095	HOST Rabbit	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay, ELISA, Western Blot
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PRODUCT SYNONYMS

SLC3A1; Polyclonal Antibody; SLC3A1 Antibody (Center); Neutral and basic amino acid transport protein rBAT; NBAT; D2h; Solute carrier family 3 member 1; b(0; +)-type amino acid transport protein; RBAT; anti-SLC3A1 antibody

PRODUCT SPECIFICATIONS

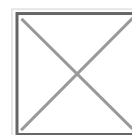
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SLC3A1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 156-184 amino acids from the Central region of human SLC3A1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.345 (varies by lot)
Sequence Positions	156-184
Sequence Length	685
Applicable Applications for anti-SLC3A1 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

SLC3A1 Antibody (Center) flow cytometry analysis of K562 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)

Western blot analysis of SLC3A1 Antibody (Center) in K562, 293 cell line lysates (35ug/lane). SLC3A1 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-SLC3A1 antibody	SLC3A1 is a type II membrane glycoprotein which is one of the components of the renal amino acid transporter which transports neutral and basic amino acids in the renal tubule and intestinal tract.
Product Categories/Family for anti-SLC3A1 antibody	Metabolism ; Signal Transduction
References	Chabrol,B., et.al., J. Med. Genet. 45 (5), 314-318 (2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	187423904
NCBI GeneID	6519
NCBI Accession #	NP_000332.2
NCBI GenBank Nucleotide #	NM_000341.3
UniProt Accession #	Q07837; O00658; Q15295; Q4J6B4; Q4J6B5; Q4J6B6; Q4J6B7; Q4J6B8; Q4J6B9; Q52M92; Q52M94; A8K0S1
Molecular Weight	78852
NCBI Official Full Name	neutral and basic amino acid transport protein rBAT
NCBI Official Synonym Full Names	solute carrier family 3 (amino acid transporter heavy chain), member 1
NCBI Official Symbol	SLC3A1
NCBI Official Synonym Symbols	D2H; ATR1; NBAT; RBAT; CSNU1
NCBI Protein Information	neutral and basic amino acid transport protein rBAT
UniProt Protein Name	Neutral and basic amino acid transport protein rBAT
UniProt Gene Name	SLC3A1
UniProt Synonym Gene Names	RBAT; NBAT
UniProt Entry Name	SLC31_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/slc3a1-antibody-flow-cytometry-western-blot-elisa/284095>