

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

SLC3A1 Polyclonal Antibody

CATALOG # AAA279668	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot
-------------------------------	-----------------------	-----------------------------------	---

PRODUCT SYNONYMS

SLC3A1; Polyclonal Antibody; SLC3A1 Polyclonal Antibody; D2H; ATR1; NBAT; RBAT; CSNU1; anti-SLC3A1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	685
Applicable Applications for anti-SLC3A1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human SLC3A1
Calculated Molecular Weight	78kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using SLC3A1 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using SLC3A1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-SLC3A1 antibody	This gene encodes 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. Mutations and deletions in this gene are associated with cystinuria. Alternatively spliced transcript variants have been described, but their biological validity has not been determined.
--	--

Product Categories/Family for anti-SLC3A1 antibody	Polyclonal
--	------------

NCBI AND UNIPROT INFORMATION

NCBI GI #	67472674
NCBI GeneID	6519
UniProt Accession #	Q07837; O00658; Q15295; Q4J6B4; Q4J6B5; Q4J6B6; Q4J6B7; Q4J6B8; Q4J6B9; Q52M92; Q52M94; A8K0S1
Molecular Weight	685
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; SLC3A1 variant B; SLC3A1 variant C; SLC3A1 variant D; SLC3A1 variant E; SLC3A1 variant F; SLC3A1 variant G; amino acid transporter 1; solute carrier family 3 member 1; B(0,+)-type amino acid transport protein; solute carrier family 3 (cystine, dibasic and neutral amino acid transporters), member 1; solute carrier family 3 (cystine, dibasic and neutral amino acid transporters, activator of cystine, dibasic and neutral amino acid transport), member 1
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-immunohistochemistry-western-blot-elisa/279668>