

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

SLC3A1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA233375	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

SLC3A1; Polyclonal Antibody; SLC3A1 Antibody; 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

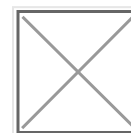
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	685
Applicable Applications for anti-SLC3A1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Neutral and basic amino acid transport protein rBAT protein (1-68AA)
Conjugation	Non-conjugated
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



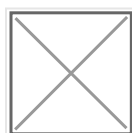
WB (Western Blot)

Western Blot Positive WB detected in: Mouse stomach tissue, Rat lung tissue All lanes: SLC3A1 antibody at 2.8ug/ml Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 79,47,46,36,58,67,64 kDa Observed band size: 79 kDa



IF (Immunofluorescence)

Immunofluorescent analysis of A549 cells using AAA233375 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney tissue using AAA233375 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-SLC3A1 antibody	Involved in the high-affinity, sodium-independent transport of cystine and neutral and dibasic amino acids (system B(0, +)-like activity). May function as an activator of SLC7A9 and be involved in the high-affinity reabsorption of cystine in the kidney tubule.
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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	63,401 Da
NCBI Official Full Name	neutral and basic amino acid transport protein rBAT
NCBI Official Synonym Full Names	solute carrier family 3 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

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/slc3a1-antibody-immunofluorescence-immunohistochemistry-elisa/233375>