

Rabbit anti-Human AAA1 Polyclonal Antibody | anti-SLC7A10 antibody

AAA1 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288471	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA, Western Blot

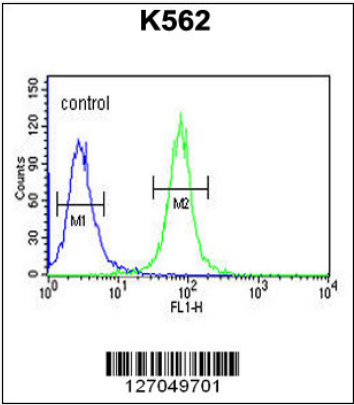
PRODUCT SYNONYMS

AAA1; Polyclonal Antibody; AAA1 Antibody (C-term); Asc-type amino acid transporter 1; Asc-1; Solute carrier family 7 member 10; SLC7A10; ASC1; anti-SLC7A10 antibody

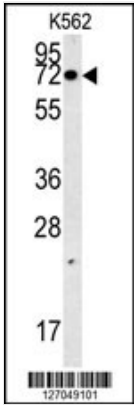
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This AAA1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 495-523 amino acids from the C-terminal region of human AAA1.
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: 0.5 (varies by lot)
Sequence Positions	495-523
Sequence Length	523
Applicable Applications for anti-SLC7A10 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)
AAA1 Antibody (C-term) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
AAA1 Antibody (C-term) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the AAA1 antibody detected the AAA1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-SLC7A10 antibody	SLC7A10, in association with 4F2HC (SLC3A2; MIM 158070), mediates high-affinity transport of D-serine and several other neutral amino acids (Nakauchi et al., 2000 [PubMed 10863037]).
Product Categories/Family for anti-SLC7A10 antibody	Signal Transduction
References	Imielinski, M., et al. Nat. Genet. 41(12):1335-1340(2009) Broer, S. Physiol. Rev. 88(1):249-286(2008) Xu, D., et al. Mol. Cell Proteomics 4(8):1061-1071(2005)

NCBI AND UNIPROT INFORMATION

NCBI GI #	9790235
NCBI GeneID	56301
NCBI Accession #	NP_062823.1
NCBI GenBank Nucleotide #	NM_019849.2
UniProt Accession #	Q9NS82; B2RE84
Molecular Weight	56798
NCBI Official Full Name	asc-type amino acid transporter 1
NCBI Official Synonym Full Names	solute carrier family 7 (neutral amino acid transporter light chain, asc system), member 10
NCBI Official Symbol	SLC7A10
NCBI Official Synonym Symbols	ASC1; asc-1; HASC-1
NCBI Protein Information	asc-type amino acid transporter 1
UniProt Protein Name	Asc-type amino acid transporter 1
UniProt Gene Name	SLC7A10
UniProt Synonym Gene Names	ASC1; Asc-1
UniProt Entry Name	AAA1_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://www.aaabiotech.com/polyclonal/aaa1-antibody-flow-cytometry-western-blot-elisa/288471>