

Rabbit anti-Human SLC38A1 Polyclonal Antibody | anti-SLC38A1 antibody

SLC38A1 Antibody

CATALOG # AAA309382	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot, Immunohistochemistry
-------------------------------	-----------------------	----------------------------	---

PRODUCT SYNONYMS

SLC38A1; Polyclonal Antibody; SLC38A1 Antibody; ATA1; NAT2; SAT1; SNAT1; anti-SLC38A1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total SLC38A1 protein.
Purity/Purification	Antigen affinity purification
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	0.6mg/ml (varies by lot)
Sequence Length	487
Applicable Applications for anti-SLC38A1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Immunogen	Synthetic peptide of human SLC38A1
Immunogen Type	Peptide
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using SLC38A1 Antibody at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: x200)



SDS-PAGE

Gel: 6%SDS-PAGE Lysate: 40 ug, Lane 1-2: Human liver cancer tissue and Human placenta tissue lysates, Primary antibody: SLC38A1 antibody at dilution 1/250, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 2 minutes

ADDITIONAL INFORMATION

Related Product Information for anti-SLC38A1 antibody	Amino acid transporters play essential roles in the uptake of nutrients, production of energy, chemical metabolism, detoxification, and neurotransmitter cycling. SLC38A1 is an important transporter of glutamine, an intermediate in the detoxification of ammonia and the production of urea. Glutamine serves as a precursor for the synaptic transmitter, glutamate.
Product Categories/Family for anti-SLC38A1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	117168277
NCBI GeneID	81539
NCBI Accession #	NP_001070952.1
NCBI GenBank Nucleotide #	NM_001077484.1
UniProt Accession #	Q9H2H9; Q8NC61; Q8NCF8; Q96JX2; Q9H2Q2
Molecular Weight	54,048 Da
NCBI Official Full Name	sodium-coupled neutral amino acid transporter 1 isoform 1
NCBI Official Synonym Full Names	solute carrier family 38 member 1
NCBI Official Symbol	SLC38A1
NCBI Official Synonym Symbols	ATA1; NAT2; SAT1; SNAT1
NCBI Protein Information	sodium-coupled neutral amino acid transporter 1
UniProt Protein Name	Sodium-coupled neutral amino acid transporter 1
UniProt Gene Name	SLC38A1
UniProt Synonym Gene Names	ATA1; NAT2; SAT1; SNAT1
UniProt Entry Name	S38A1_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/slc38a1-antibody-western-blot-immunohistochemistry-elisa/309382>