Rabbit SLC38A1 Polyclonal Antibody | anti-SLC38A1 antibody

SLC38A1 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199316	**Rabbit**	**Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat**	**Western Blot, Immunohistochemistry**

PRODUCT SYNONYMS

SLC38A1; Polyclonal Antibody; SLC38A1 antibody - middle region; anti-SLC38A1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Syntheticp eptideloca tedwithint hefollowin gregion:DR SQKKMQMVSN ISFFAMFVMY FLTAIFGYLT FYDNVQSDLL HKYQSKDD
Sequence Length	487
Applicable Applications for anti-SLC38A1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 86%; Dog: 93%; Guinea Pig: 93%; Horse: 93%; Human: 100%; Mouse: 85%; Rabbit: 93%; Rat: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human SLC38A1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES

WB (Western Blot)
WB Suggested Anti-SLC38A1 Antibody Titration: 2.5ug/mlPositive Control: HepG2 cell lysateSLC38A1 is supported by BioGPS gene expression data to be expressed in HepG2

IHC (Immunohistochemistry)
Human kidney

ADDITIONAL INFORMATION

Related Product Information for anti-SLC38A1 antibody	This is a rabbit polyclonal antibody against SLC38A1. It was validated on Western Blot and immunohistochemistry Target Description: 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	Polyclonal; Membrane Protein; Meiosis/Mitosis/Cell Cycle; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	117168277
NCBI GeneID	81539
NCBI Accession #	NP_001070952
NCBI GenBank Nucleotide #	NM_001077484
UniProt Accession #	Q9H2H9
Molecular Weight	54kDa
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.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/slc38a1-antibody-western-blot-immunohistochemistry-elisa/199316