

Rabbit SLC38A2 Polyclonal Antibody | anti-SLC38A2 antibody

SLC38A2 antibody - N-terminal region

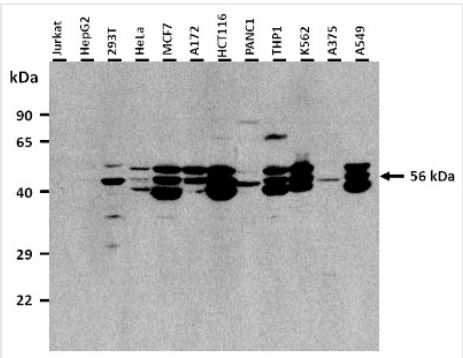
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197510	Rabbit	Tested Reactivity: Human Predicted Reactivity: Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit	Western Blot

PRODUCT SYNONYMS

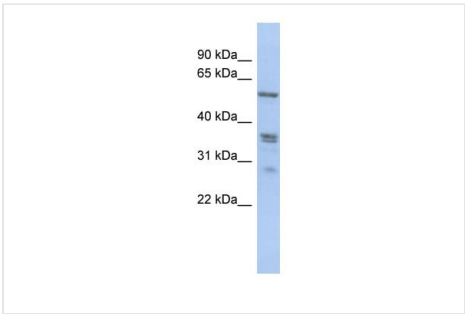
SLC38A2; Polyclonal Antibody; SLC38A2 antibody - N-terminal region; anti-SLC38A2 antibody

PRODUCT SPECIFICATIONS

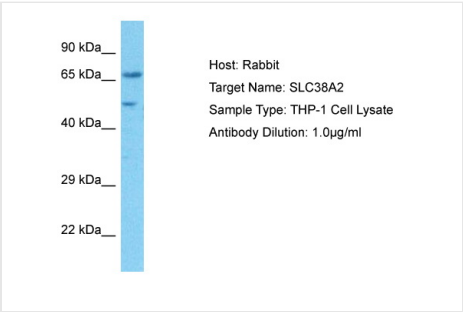
Host	Rabbit
Reactivity	Tested Reactivity: Human Predicted Reactivity: Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	0.5 mg/mL (varies by lot)
Sequence	AALKSHYADV DPENQNFLLE SNLGKKKYET EFHPGTTSGF MSVFNLNAI
Applicable Applications for anti-SLC38A2 antibody	WB (Western Blot)
Protein Size (# AA)	506 amino acids
Protein Interactions	UBC; APP; MCU; FLOT1; COX5A; ELAVL1; STX11;
Blocking Peptide	For anti-SLC38A2 antibody is Catalog # Homology
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human SLC38A2
Replacement Item	This antibody may replace item sc-166366 from Santa Cruz Biotechnology.
Preparation and Storage	For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.



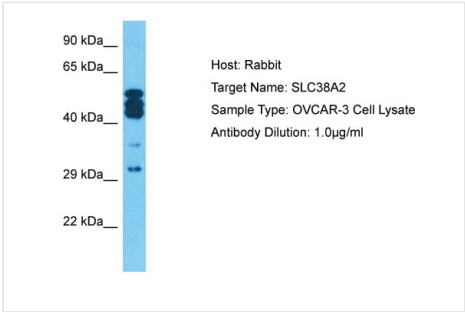
WB (Western Blot)
25 ug of the indicated Human whole cell extracts was loaded onto a 12% SDS-PAGE gel. 3 ug/mL of the antibody was used in this experiment. Protein has two closely sized isoforms and can be glycosylated.



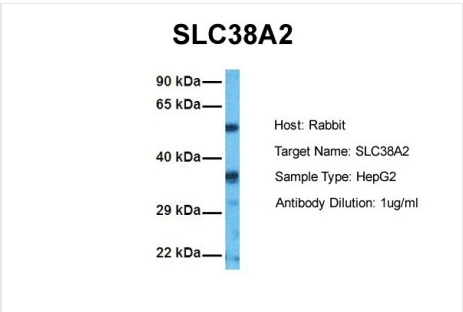
WB (Western Blot)
WB Suggested Anti-SLC38A2 Antibody Titration: 0.2-1 ug/mL ELISA Titer: 1:1562500 Positive Control: HT1080 cell lysate SLC38A2 is strongly supported by BioGPS gene expression data to be expressed in Human HT1080 cells



WB (Western Blot)
Host: Rabbit Target Name: SLC38A2 Sample Tissue: Human THP-1 Whole Cell Antibody Dilution: 1ug/ml



WB (Western Blot)
Host: Rabbit Target Name: SLC38A2 Sample Tissue: Human OVCAR-3 Whole Cell Antibody Dilution: 1ug/ml



WB (Western Blot)
Host: Rabbit Target Name: SLC38A2 Sample Tissue: Human HepG2 Antibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-SLC38A2 antibody	This is a rabbit polyclonal antibody against SLC38A2. It was validated on Western Blot using a cell lysate as a positive control. Target Description: Under hypertonic conditions the induction of SLC38A2/SNAT2 leads to the stimulation of transport system A and to the increase in the cell content of amino acids. Its amino acid response element, along with a nearby conserved CAAT box, has enhancer activity in that it functions in an orientation and position independent manner, and it confers regulated transcription to a heterologous promoter.
Product Categories/Family for anti-SLC38A2 antibody	Polyclonal; Transcription Factor; Membrane Protein; Drugs and Drug Metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361602
NCBI GeneID	54407
NCBI Accession #	NP_061849
NCBI GenBank Nucleotide #	NM_018976
UniProt Accession #	Q96QD8
Molecular Weight	56kDa
NCBI Official Full Name	sodium-coupled neutral amino acid transporter 2 isoform 1
NCBI Official Synonym Full Names	solute carrier family 38 member 2
NCBI Official Symbol	SLC38A2
NCBI Official Synonym Symbols	ATA2; SAT2; SNAT2; PRO1068
NCBI Protein Information	sodium-coupled neutral amino acid transporter 2
UniProt Protein Name	Sodium-coupled neutral amino acid transporter 2
UniProt Gene Name	SLC38A2
UniProt Synonym Gene Names	ATA2; KIAA1382; SAT2; SNAT2
UniProt Entry Name	S38A2_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/slc38a2-antibody-western-blot-elisa/197510>