

Rabbit anti-Human, Mouse SLC38A2 Polyclonal Antibody | anti-SLC38A2 antibody

SLC38A2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA31113	Rabbit	Human, Mouse	Western Blot, Immunofluorescence, Immunocytochemistry, ELISA

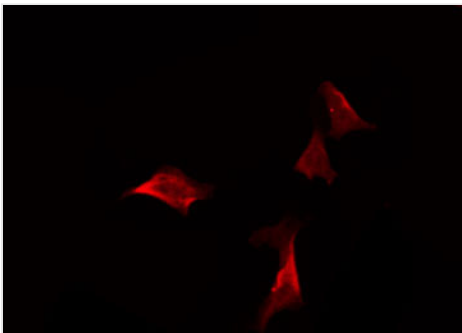
PRODUCT SYNONYMS

SLC38A2; Polyclonal Antibody; SLC38A2 Antibody; Amino acid transporter 2; Amino acid transporter A2; ATA2; KIAA1382; PRO1068; Protein 40-9-1; S38A2_HUMAN; SAT2; Slc38a2; SNAT2; Sodium-coupled neutral amino acid transporter 2; Solute carrier family 38 member 2; System A amino acid transporter; System A amino acid transporter 2; System A transporter 1; System N amino acid transporter 2; anti-SLC38A2 antibody

PRODUCT SPECIFICATIONS

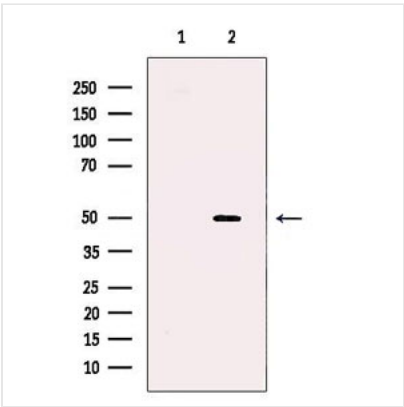
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Peptide affinity chromatography
Form/Format	Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	~1mg/ml (varies by lot)
Sequence Length	406
Applicable Applications for anti-SLC38A2 antibody	WB (Western Blot), IF (Immunofluorescence), ICC (Immunocytochemistry), ELISA
Application Notes	WB: 1:500-1:1000 IF/ICC: 1:100-1:500 ELISA(peptide): 1:20,000-1:40,000 The optimal dilution should be determined by the end user. IMPORTANT: For western blots, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.
Immunogen	A synthesized peptide derived from human SLC38A2, corresponding to a region within the internal amino acids.
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA31113 staining HeLa by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from HeLa cells, using SLC38A2 Ab. The lane on the left was treated with blocking peptide.

NCBI AND UNIPROT INFORMATION

NCBI GI #	808154242
NCBI GeneID	54407
NCBI Accession #	NP_001294865.1
NCBI GenBank Nucleotide #	NM_001307936.1
UniProt Accession #	Q96QD8; Q6IA88; Q6ZMG2; Q9HAV3; Q9NVA8; Q9P2G5
Molecular Weight	50 kD
NCBI Official Full Name	sodium-coupled neutral amino acid transporter 2 isoform 2
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

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://www.aaabiotech.com/polyclonal/slc38a2-antibody-western-blot-immunofluorescence-immunocytochemistry-elisa/31113>