

Rabbit anti-Human SLC22A9 Polyclonal Antibody | anti-SLC22A9 antibody

Anti-SLC22A9 Antibody Picoband

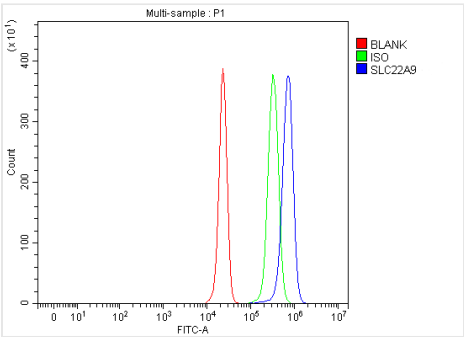
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA126536	Rabbit	Human	Flow Cytometry, Functional Assay, Western Blot

PRODUCT SYNONYMS

SLC22A9; Polyclonal Antibody; Anti-SLC22A9 Antibody Picoband; anti-SLC22A9 antibody

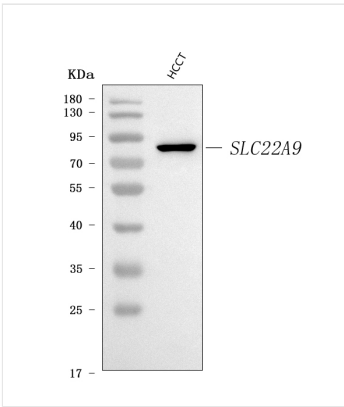
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml. (varies by lot)
Applicable Applications for anti-SLC22A9 antibody	FCM/FACS (Flow Cytometry), WB (Western Blot)
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Immunogen	A synthetic peptide corresponding to a sequence of human SLC22A9 (QKKKPSLCEMLHMPNICKRI).
Preparation and Storage	Store at -20 degree C for one year from date of receipt. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for six months.Avoid repeated freezing and thawing.



FCM/FACS (Flow Cytometry)

Figure 2. Flow Cytometry analysis of HepG2 cells using anti-SLC22A9 antibody (AAA126536).Overlay histogram showing HepG2 cells stained with AAA126536 (Blue line). The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-SLC22A9 Antibody (AAA126536, 1 ug/1x10⁶ cells) for 30 min at 20 degree C. DyLight488 conjugated goat anti-rabbit IgG was used as secondary antibody for 30 minutes at 20 degree C. Isotype control antibody (Green line) was rabbit IgG (1 ug/1x10⁶) used under the same conditions. Unlabelled sample (Red line) was also used as a control.



WB (Western Blot)

Figure 1. Western blot analysis of SLC22A9 using anti-SLC22A9 antibody (AAA126536).Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel)/90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions.Lane 1: human hepatocellular carcinoma tumor tissue (HCCT) lysates.After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-SLC22A9 antigen affinity purified polyclonal antibody (#AAA126536) at 0.5 ug/mL overnight at 4 degree C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for SLC22A9 at approximately 70 kDa. The expected band size for SLC22A9 is at 62 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-SLC22A9 antibody	Solute carrier family 22 member 9 is a protein that in humans is encoded by the SLC22A9 gene. Enables anion:anion antiporter activity; short-chain fatty acid transmembrane transporter activity; and sodium-independent organic anion transmembrane transporter activity. Involved in hormone transport; short-chain fatty acid import; and sodium-independent organic anion transport. Located in basolateral plasma membrane.
Product Categories/Family for anti-SLC22A9 antibody	Primary Antibodies, Rabbit Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	42542386
NCBI GeneID	114571
NCBI Accession #	NP_543142.2
NCBI GenBank Nucleotide #	NM_080866.2
UniProt Accession #	Q8IVM8; Q8TCC8; Q8TEC0; Q8WYN7; A0AVB7
Molecular Weight	62,169 Da
NCBI Official Full Name	solute carrier family 22 member 9
NCBI Official Synonym Full Names	solute carrier family 22 (organic anion transporter), member 9
NCBI Official Symbol	SLC22A9
NCBI Official Synonym Symbols	OAT4; OAT7; ust3; HOAT4; UST3H
NCBI Protein Information	solute carrier family 22 member 9; organic anion transporter 4; organic anion transporter 7; solute carrier family 22 (organic anion/cation transporter), member 9
UniProt Protein Name	Solute carrier family 22 member 9

UniProt Gene Name	SLC22A9
UniProt Synonym Gene Names	OAT4; UST3
UniProt Entry Name	S22A9_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/slc22a9-antibody-flow-cytometry-western-blot-elisa/126536>