Rabbit anti-Human SLC22A3 Polyclonal Antibody | anti-SLC22A3 antibody

SLC22A3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324928	**Rabbit**	**Human**	**ELISA, Immunocytochemistry, Immunofluorescence, Western Blot**

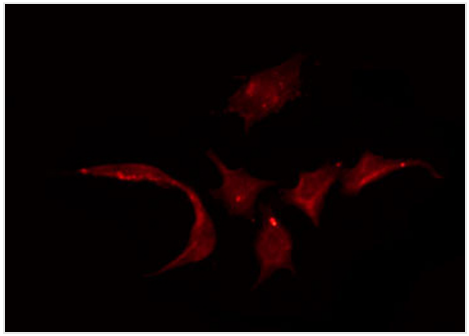
PRODUCT SYNONYMS

SLC22A3; Polyclonal Antibody; SLC22A3 Antibody; EMT; EMT organic cation transporter 3; EMTH; Extraneuronal monoamine transporter; OCT 3; OCT3; Orct 3; Orct3; Organic cation transporter 3; S22A3_HUMAN; SLC22 A3; SLC22A 3; Slc22a3; Solute carrier family 22 (extraneuronal monoamine transporter) member 3; Solute carrier family 22 (organic cation transporter) member 3; Solute carrier family 22 member 3; anti-SLC22A3 antibody

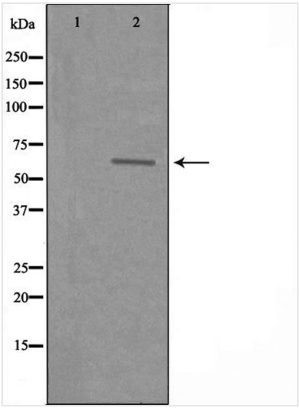
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	SLC22A3 antibody detects endogenous levels of total SLC22A3
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	556
Applicable Applications for anti-SLC22A3 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Membrane.
Tissue Specificity	Expressed in placenta, skeletal muscle, prostate, aorta, liver, fetal lung, salivary gland, adrenal gland, kidney and brain cortex. No expression detected in spleen.
Predicted Cross Reactivity	**Pig, Bovine, Horse, Sheep, Rabbit, Dog**
Similarity	Pig (92%), Bovine (100%), Horse (92%), Sheep (100%), Rabbit (100%), Dog (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)
AAA324928 staining HuvEc 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 COLO cells using SLC22A3 antibody.The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-SLC22A3 antibody	Function: Mediates potential-dependent transport of a variety of organic cations. May play a significant role in the disposition of cationic neurotoxins and neurotransmitters in the brain. Similarity: Belongs to the major facilitator (TC 2.A.1) superfamily. Organic cation transporter (TC 2.A.1.19) family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	11415038
NCBI GeneID	6581
NCBI Accession #	NP_068812.1
NCBI GenBank Nucleotide #	NM_021977.3
UniProt Accession #	O75751; Q5SYN6; Q9UP02
Molecular Weight	Observed: 61 kD Predicted: 62 kDa
NCBI Official Full Name	solute carrier family 22 member 3
NCBI Official Synonym Full Names	solute carrier family 22 member 3
NCBI Official Symbol	SLC22A3
NCBI Official Synonym Symbols	EMT; EMTH; OCT3
NCBI Protein Information	solute carrier family 22 member 3
UniProt Protein Name	Solute carrier family 22 member 3
UniProt Gene Name	**SLC22A3**
UniProt Synonym Gene Names	EMTH; OCT3; EMT

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/slc22a3-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/324928