

Rabbit SLC22A8 Polyclonal Antibody | anti-SLC22A8 antibody

SLC22A8 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA326919	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

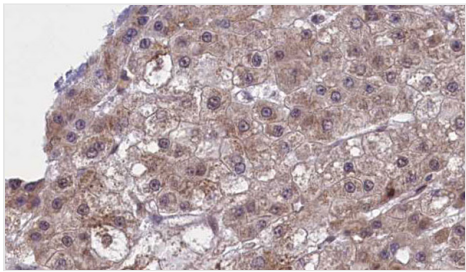
PRODUCT SYNONYMS

SLC22A8; Polyclonal Antibody; SLC22A8 Antibody; hOAT3; OAT3; Organic anion transporter 3; S22A8_HUMAN; Solute carrier family 22 (organic anion transporter); member 8; Solute carrier family 22 member 8; anti-SLC22A8 antibody

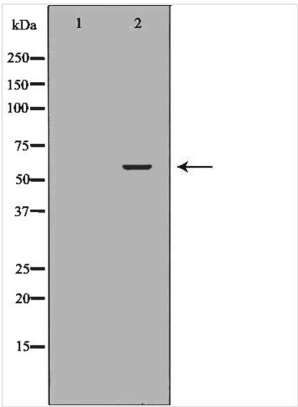
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	SLC22A8 antibody detects endogenous levels of total SLC22A8
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	542
Applicable Applications for anti-SLC22A8 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human SLC22A8
Subcellular Location	Basolateral Cell Membrane. Localizes on the brush border membrane of the choroid epithelial cells. Localizes to the basolateral membrane of the proximal tubular cells. Localizes on the abluminal and possibly, luminal membrane of the brain capillary endothelial cells (BCEC) (By similarity).
Tissue Specificity	Expressed in kidney.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA326919 at 1/100 staining Human liver cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of extracts of 231, using SLC22A8 antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-SLC22A8 antibody	Description: This gene encodes a protein involved in the sodium-independent transport and excretion of organic anions, some of which are potentially toxic. The encoded protein is an integral membrane protein and appears to be localized to the basolateral membrane of the kidney. Multiple alternatively spliced transcript variants that encode different protein isoforms have been described for this gene. Function: Plays an important role in the excretion/detoxification of endogenous and exogenous organic anions, especially from the brain and kidney. Involved in the transport basolateral of steviol, fexofenadine. Transports benzylpenicillin (PCG), estrone-3-sulfate (E1S), cimetidine (CMD), 2, 4-dichloro-phenoxyacetate (2, 4-D), p-amino-hippurate (PAH), acyclovir (ACV) and ochratoxin (OTA). Similarity: Belongs to the major facilitator (TC 2.A.1) superfamily. Organic cation transporter (TC 2.A.1.19) family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	296080719
NCBI GeneID	9376
NCBI Accession #	NP_001171661.1
NCBI GenBank Nucleotide #	NM_001184732.1
UniProt Accession #	Q8TCC7; Q95820; Q59EW9; Q96TC1; B4DPH7; F5GWA8; F5H5J1
Molecular Weight	Observed: 60 kDa Predicted: 60 kDa
NCBI Official Full Name	solute carrier family 22 member 8 isoform 1
NCBI Official Synonym Full Names	solute carrier family 22 member 8
NCBI Official Symbol	SLC22A8
NCBI Official Synonym Symbols	OAT3
NCBI Protein Information	solute carrier family 22 member 8
UniProt Protein Name	Solute carrier family 22 member 8
UniProt Gene Name	SLC22A8
UniProt Synonym Gene Names	OAT3; hOAT3

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.

