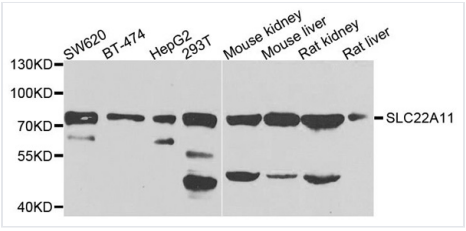
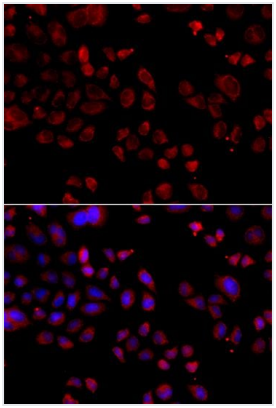
SLC22A11 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

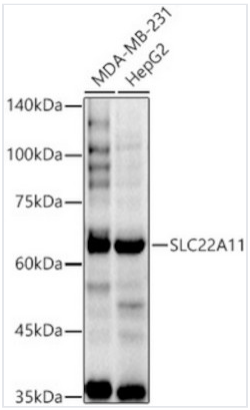
Product Name	SLC22A11, Polyclonal Antibody
Full Product Name	SLC22A11 Polyclonal Antibody
Product Gene Name	anti-SLC22A11 antibody
Product Synonym Names	OAT4; hOAT4; SLC22A11
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Purity/Purification	Affinity Purification
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles
Molecular Weight	Observed MW: 65kDa Calculated MW: 60kDa
OMIM	607097
3D Structure	ModBase 3D Structure for Q9NSA0
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 40-140 of human SLC22A11 (NP_060954.1).
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-SLC22A11 antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-SLC22A11 antibody	WB: 1:500 - 1:1000 EIA: Recommended starting concentration is 1 ug/mL. Please optimize the concentration based on your specific assay requirements.
Related Product Information for anti-SLC22A11 antibody	The protein encoded by this gene is 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 is found mainly in the kidney and in the placenta, where it may act to prevent potentially harmful organic anions from reaching the fetus. Alternative splicing results in multiple transcript variants.
Other Notes	Small volumes of anti-SLC22A11 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for SLC22A11 purchase	MBS9128428 is an antibody targeting SLC22A11. Also known as SLC22A11 Polyclonal Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.



Western Blot (WB) of anti-SLC22A11 antibody
Western blot analysis of extracts of various cell lines, using SLC22A11 antibody at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (MBS128200) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit.Exposure time: 90s.



Immunofluorescence (IF) of anti-SLC22A11 antibody
Immunofluorescence analysis of A549 cells using SLC22A11 antibody. Blue: DAPI for nuclear staining.



Western Blot (WB) of anti-SLC22A11 antibody
Western blot analysis of various lysates using SLC22A11 Rabbit pAb at 1:1000 dilution.Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (MBS128200) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit.Exposure time: 30s.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SLC22A11. It may not necessarily be applicable to this product.

NCBI GI #	808175981
NCBI GeneID	55867
NCBI Accession #	NP_001294914.1
UniProt Primary Accession #	Q9NSA0
UniProt Secondary Accession #	Q53GR2; Q6ZP72; Q8NBU4; A8K426
UniProt Related Accession #	Q9NSA0
GenBank Nucleotide #	NM_001307985.1
NCBI Official Full Name	solute carrier family 22 member 11 isoform 2
NCBI Official Synonym Full Names	solute carrier family 22 (organic anion/urate transporter), member 11
NCBI Official Symbol	SLC22A11
NCBI Official Synonym Symbols	OAT4; hOAT4
UniProt Protein Name	Solute carrier family 22 member 11
UniProt Synonym Protein Names	Organic anion transporter 4

Protein Family	Solute carrier family
UniProt Gene Name	SLC22A11
UniProt Synonym Gene Names	OAT4
UniProt Entry Name	S22AB_HUMAN
NCBI Protein Information	solute carrier family 22 member 11
UniProt Comments for SLC22A11	SLC22A11: Mediates saturable uptake of estrone sulfate, dehydroepiandrosterone sulfate and related compounds. Belongs to the major facilitator (TC 2.A.1) superfamily. Organic cation transporter (TC 2.A.1.19) family. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Cell surface; Membrane protein, multi-pass; Membrane protein, integral; Transporter; Transporter, SLC family Chromosomal Location of Human Ortholog: 11q13.1 Cellular Component: integral to plasma membrane; apical plasma membrane; plasma membrane; external side of plasma membrane Molecular Function: protein binding; inorganic anion exchanger activity; organic anion transmembrane transporter activity; sodium-independent organic anion transmembrane transporter activity Biological Process: urate metabolic process; transmembrane transport; organic anion transport
Research Articles on SLC22A11	**1.** SLC22A11 at the basal plasma membrane of human placental syncytiotrophoblasts plays a predominant role in the uptake of 16alpha-OH DHEAS for placental estriol synthesis.
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