

Rabbit anti-Human, Rat SLC22A6 Polyclonal Antibody | anti-SLC22A6 antibody

Anti-SLC22A6 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45029	Rabbit	Human, Rat	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

SLC22A6; Polyclonal Antibody; Anti-SLC22A6 antibody; Solute carrier family 22 member 6; solute carrier family 22(organic anion transporter); member 6; FLJ55736 antibody; hOAT1 antibody; hPAHT antibody; hROAT1 antibody; MGC45260 antibody; OAT1 antibody; Organic anion transporter 1 antibody; OTTHUMP00000236796 antibody; OTTHUMP00000236797 antibody; OTTHUMP00000236798 antibody; OTTHUMP00000236799 antibody; PAH transporter antibody; PAHT antibody; Para aminohippurate transporter antibody; Renal organic anion transporter 1 antibody; ROAT1 antibody; S22A6_HUMAN antibody; SLC22A6 antibody; Solute carrier family 22(organic anion transporter) member 6 antibody; Solute carrier family 22 member 6 antibody; anti-SLC22A6 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	563
Applicable Applications for anti-SLC22A6 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human SLC22A6 (534-550aa QKYMVPLQASAEKNGL), different from the related rat sequence by three amino acids.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)

Anti-SLC22A6 antibody, AAA45029, IHC(P)IHC(P): Rat Kidney Tissue



WB (Western Blot)

Anti-SLC22A6 antibody, AAA45029, Western blottingLane 1: HT1080 Cell LysateLane 2: HELA Cell Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-SLC22A6 antibody	Description: Rabbit IgG polyclonal antibody for Solute carrier family 22 member 6(SLC22A6) detection. Tested with WB, IHC-P in Human, Rat. Background: SLC22A6(Solute carrier family 22(organic anion transporter), member 6), also called OAT1 or PAHT, is a protein that in humans is encoded by the SLC22A6 gene, which is also a member of the organic anion transporter(OAT) family of proteins. OAT1 is a transmembrane protein that is expressed in the brain, the placenta, the eyes, smooth muscles, and the basolateral membrane of proximal tubular cells of the kidneys. The SLC22A6 gene is mapped on 11q12.3. It plays a central role in renal organic anion transport. Along with OAT3, OAT1 mediates the uptake of a wide range of relatively small and hydrophilic organic anions from plasma into the cytoplasm of the proximal tubular cells of the kidneys. The SLC22A6 gene contains 10 exons and spans 8.2 kb. OAT1 functions as organic anion exchanger. When the uptake of one molecule of an organic anion is transported into a cell by an OAT1 exchanger, one molecule of an endogenous dicarboxylic acid(such as glutarate, ketoglutarate, etc) is simultaneously transported out of the cell. PAH uptake in Xenopus oocytes injected with OAT1 mRNA was demonstrated by Race et al.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	74762955
NCBI GeneID	9356
UniProt Accession #	Q4U2R8; O95187; O95742; Q7LDA0; Q8N192; Q9NQA6; Q9NQC2; Q9UBG6; Q9UEQ8; A8MY93; B2D0R6
Molecular Weight	57,357 Da
NCBI Official Full Name	Solute carrier family 22 member 6
NCBI Official Synonym Full Names	solute carrier family 22 (organic anion transporter), member 6
NCBI Official Symbol	SLC22A6
NCBI Official Synonym Symbols	OAT1; PAHT; HOAT1; ROAT1
NCBI Protein Information	solute carrier family 22 member 6; hPAHT; hROAT1; PAH transporter; organic anion transporter 1; para-aminohippurate transporter; renal organic anion transporter 1
UniProt Protein Name	Solute carrier family 22 member 6
UniProt Gene Name	SLC22A6
UniProt Synonym Gene Names	OAT1; PAHT; hOAT1; hPAHT; hROAT1
UniProt Entry Name	S22A6_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.