

Rabbit SLCO1C1 Polyclonal Antibody | anti-SLCO1C1 antibody

SLCO1C1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA329124	Rabbit	HumanPredicted Reactivity: Pig(100%), Horse(100%), Sheep(100%), Rabbit(88%), Dog(100%)	ELISA

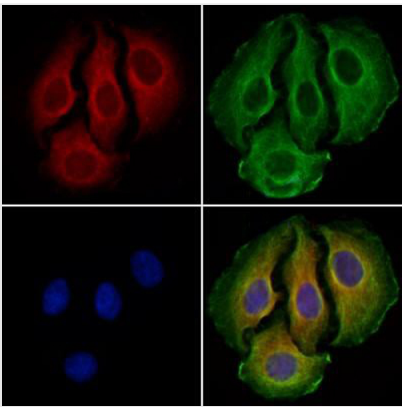
PRODUCT SYNONYMS

SLCO1C1; Polyclonal Antibody; SLCO1C1 Antibody; OAT-RP-5; OATP-14; OATP-F; OATP1; OATP1C1; OATPRP5; Organic anion transporter F; Organic anion transporter polypeptide-related protein 5; organic anion transporting polypeptide 14; Organic anion-transporting polypeptide 14; SLC21A14; Slco1c1; SO1C1_HUMAN; solute carrier family 21 (organic anion transporter); member 14; Solute carrier family 21 member 14; Solute carrier organic anion transporter family member 1C1; solute carrier organic anion transporter family; member 1C1; Thyroxine transporter; anti-SLCO1C1 antibody

PRODUCT SPECIFICATIONS

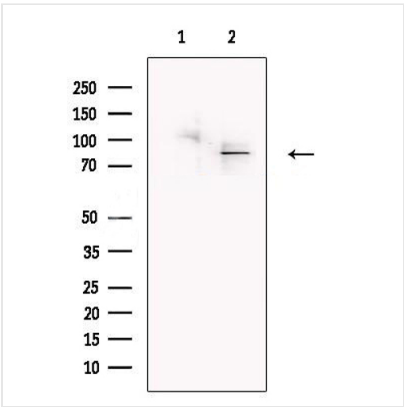
Host	Rabbit
Reactivity	Human Predicted Reactivity: Pig(100%), Horse(100%), Sheep(100%), Rabbit(88%), Dog(100%)
Clonality	Polyclonal
Isotype	IgG
Specificity	SLCO1C1 Antibody detects endogenous levels of total SLCO1C1.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	730
Applicable Applications for anti-SLCO1C1 antibody	ELISA
Immunogen	A synthesized peptide derived from human SLCO1C1, corresponding to a region within C-terminal amino acids.
Fragment	Fab fragment
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA329124 staining HeLa cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA329124 1:200) and mouse anti-beta tubulin Ab(T0023 1:200) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody. The nuclear counter stain is DAPI(blue).



WB (Western Blot)

Western blot analysis of extracts from HepG2 cells, using SLCO1C1 Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-SLCO1C1 antibody	Function: Mediates the Na(+)-independent high affinity transport of organic anions such as the thyroid hormones thyroxine (T4) and rT3. Other potential substrates, such as triiodothyronine (T3), 17-beta-glucuronosyl estradiol, estrone-3-sulfate and sulfobromophthalein (BSP) are transported with much lower efficiency. May play a significant role in regulating T4 flux into and out of the brain (By similarity).
	Subcellular Location: Cell membrane>Multi-pass membrane protein. Note: Expressed in both luminal and abluminal membranes of brain capillary endothelial cells. Localized to the apical membrane and basal surfaces of choroid plexus (By similarity).
	Tissue Specificity: Highly expressed in brain and in Leydig cells in testis. Detected in many brain regions with the exception of pons and cerebellum. Not strongly enriched in cerebral microvessels.
	Similarity: Belongs to the organo anion transporter (TC 2.A.60) family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	225543118
NCBI GeneID	53919
NCBI Accession #	NP_001139418
NCBI GenBank Nucleotide #	NP_001139418.1
UniProt Accession #	Q9NYB5
Molecular Weight	Observed Molecular Weight: (Observed)78kD. Predicted Molecular Weight: (Calculated)79kDa.
NCBI Official Full Name	solute carrier organic anion transporter family member 1C1 isoform 1
NCBI Official Synonym Full Names	solute carrier organic anion transporter family member 1C1
NCBI Official Symbol	SLCO1C1
NCBI Official Synonym Symbols	OATP1; OATPF; OATP-F; OATP14; OATP1C1; OATPRP5; SLC21A14
NCBI Protein Information	solute carrier organic anion transporter family member 1C1
UniProt Protein Name	Solute carrier organic anion transporter family member 1C1

UniProt Gene Name	SLC01C1
UniProt Synonym Gene Names	OATP14; OATP1C1; OATPF; SLC21A14; OATP-F; OAT-RP-5; OATPRP5; OATP-14
UniProt Entry Name	SO1C1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/slc01c1-antibody-elisa/329124>