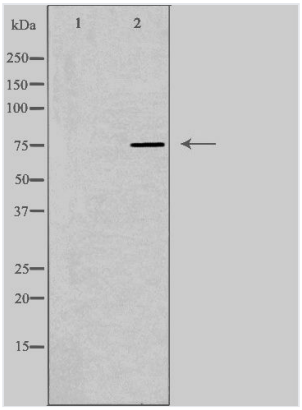
SLCO1B1 Antibody – Rabbit Polyclonal

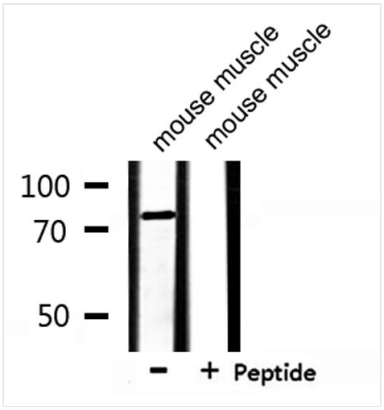
PRODUCT OVERVIEW

Product Name	SLCO1B1, Polyclonal Antibody
Full Product Name	SLCO1B1 Antibody
Product Gene Name	anti-SLCO1B1 antibody
Product Synonym Names	Liver-specific organic anion transporter 1; LST-1; LST1; OATP-2; OATP-C; OATP1B1; OATPC; SLC21A6; SLCO1B1; SO1B1_HUMAN; Sodium-independent organic anion-transporting polypeptide 2; Solute carrier family 21 member 6; Solute carrier organic anion transporter family member 1B1
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Concentration	1mg/ml (lot specific)
Specificity	SLCO1B1 antibody detects endogenous levels of total SLCO1B1
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.
Antibody/Peptide Pairs	SLCO1B1 peptide (MBS9624705) is used for blocking the activity of SLCO1B1 antibody (MBS9605988)
Molecular Weight	Observed: 76 kD Predicted: 77 kDa
3D Structure	ModBase 3D Structure for Q9Y6L6
Supply Chain Verification	Manufactured in a lab with traceable raw materials manufactured on site. Coordinated product portfolio of antibodies, pairs, conjugates, recombinant proteins, and immunoassay materials available, please inquire.
Immunogen	A synthesized peptide
Subcellular Location	Basolateral Cell Membrane. Detected in basolateral membranes of hepatocytes.
Tissue Specificity	Highly expressed in liver, at the basolateral membranes of centrilobular hepatocytes. Not detected in heart, brain, placenta, lung, skeletal muscle, kidney, pancreas, spleen, thymus, prostate, testis, ovary, small intestine, colon and leukocyte.
Conjugation	Unconjugated
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-SLCO1B1 antibody	Western Blot (WB), Immunofluorescence (IF), Immunocytochemistry (ICC), ELISA (EIA)
Application Notes for anti-SLCO1B1 antibody	WB: 1:500-1:1000 IF/ICC: 1:100-1:500

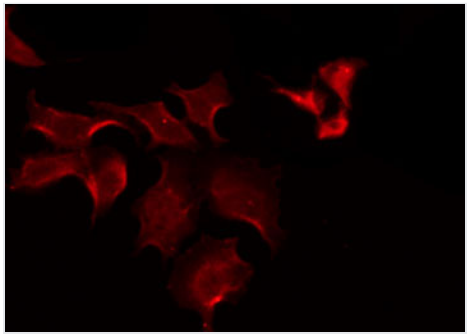
Related Product Information for anti-SLCO1B1 antibody	Function: Mediates the Na+-independent uptake of organic anions such as pravastatin, taurocholate, methotrexate, dehydroepiandrosterone sulfate, 17-beta-glucuronosyl estradiol, estrone sulfate, prostaglandin E2, thromboxane B2, leukotriene C3, leukotriene E4, thyroxine and triiodothyronine. Involved in the clearance of bile acids and organic anions from the liver. Similarity: Belongs to the organo anion transporter (TC 2.A.60) family.
Other Notes	Small volumes of anti-SLCO1B1 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 SLCO1B1 purchase	MBS9605988 is an antibody targeting SLCO1B1. Also known as SLCO1B1 Antibody. Reactive in Human, Mouse. Host: Rabbit.



Western Blot (WB) of anti-SLCO1B1 antibody
Western blot analysis of extracts from COLO205 using SLCO1B1 antibody.The lane on the left is treated with the antigen-specific peptide.



Western Blot (WB) of anti-SLCO1B1 antibody
Western blot analysis of extracts from mouse muscle, using SLCO1B1 Antibody.



Immunofluorescence (IF) of anti-SLCO1B1 antibody
MBS9605988 staining COLO205 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SLCO1B1. It may not necessarily be applicable to this product.

NCBI GI #	225543525
NCBI GeneID	10599
NCBI Accession #	NP_006437.3
UniProt Primary Accession #	Q9Y6L6
UniProt Secondary Accession #	Q29R64; Q9NQ37; Q9UBF3; Q9UH89; B2R7G2
UniProt Related Accession #	Q9Y6L6
GenBank Nucleotide #	NM_006446.4

NCBI Official Full Name	solute carrier organic anion transporter family member 1B1
NCBI Official Synonym Full Names	solute carrier organic anion transporter family member 1B1
NCBI Official Symbol	SLCO1B1
NCBI Official Synonym Symbols	LST1; HBLRR; LST-1; OATP2; OATPC; OATP-C; OATP1B1; SLC21A6
UniProt Protein Name	Solute carrier organic anion transporter family member 1B1
UniProt Synonym Protein Names	Liver-specific organic anion transporter 1; LST-1; OATP-C; Sodium-independent organic anion-transporting polypeptide 2; OATP-2; Solute carrier family 21 member 6
Protein Family	Solute carrier organic anion transporter family
UniProt Gene Name	SLCO1B1
UniProt Synonym Gene Names	LST1; OATP1B1; OATP2; OATPC; SLC21A6; LST-1; OATP-2
NCBI Protein Information	solute carrier organic anion transporter family member 1B1
NCBI Summary for SLCO1B1	This gene encodes a liver-specific member of the organic anion transporter family. The encoded protein is a transmembrane receptor that mediates the sodium-independent uptake of numerous endogenous compounds including bilirubin, 17-beta-glucuronosyl estradiol and leukotriene C4. This protein is also involved in the removal of drug compounds such as statins, bromosulfophthalein and rifampin from the blood into the hepatocytes. Polymorphisms in the gene encoding this protein are associated with impaired transporter function. [provided by RefSeq, Mar 2009]
UniProt Comments for SLCO1B1	Mediates the Na+-independent uptake of organic anions such as pravastatin, taurocholate, methotrexate, dehydroepiandrosterone sulfate, 17-beta-glucuronosyl estradiol, estrone sulfate, prostaglandin E2, thromboxane B2, leukotriene C3, leukotriene E4, thyroxine and triiodothyronine. Involved in the clearance of bile acids and organic anions from the liver.
Research Articles on SLCO1B1	**1.** Advanced pancreatic cancer patients with advanced pancreatic cancer with the solute carrier organic anion transporter family member 1B1 (SLCO1B1) rs4149086 AG or GG genotype may obtain good clinical results when treated with S-1-containing regimens.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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