
Product Name: OATP-C Rabbit Polyclonal Antibody**Catalog #: APRab15083**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Rat,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,ELISA 1:20000-1:40000
Molecular Weight	76kDa

Antigen Information

Gene Name	SLCO1B1 SLCO1B1; LST1; OATP1B1; OATP2; OATPC; SLC21A6; Solute carrier organic anion transporter
Alternative Names	family member 1B1; Liver-specific organic anion transporter 1; LST-1; OATP-C; Sodium-independent organic anion-transporting polypeptide 2; OATP-2; Solut
Gene ID	10599.0
SwissProt ID	Q9Y6L6
Immunogen	The antiserum was produced against synthesized peptide derived from human SLCO1B1. AA range:251-300

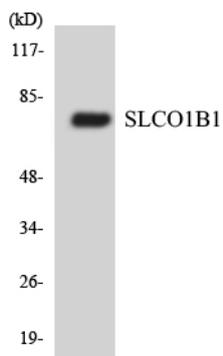
Background

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, bromosulphophthalein 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],function:Mediates the Na(+)-independent transport 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. May play an important role in the clearance of bile acids and organic anions from the liver.,similarity:Belongs to the organo anion transporter (TC 2.A.60) family.,subcellular location:Detected in basolateral membranes of hepatocytes.,tissue specificity:Highly expressed in liver. Not detected in heart, brain, placenta, lung, skeletal muscle, kidney, pancreas, spleen, thymus, prostate, testis, ovary, small intestine, colon and leukocyte.,

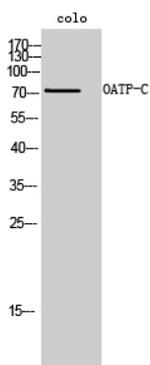
Research Area

Metabolism of lipids and lipoproteins; Metabolism; Pathways and Processes; Metabolic signaling pathways; Lipid and lipoprotein metabolism; Lipid metabolism; Tags & Cell Markers; Cell Type Markers; Other Cell Types; Cancer; Cancer Metabolism

Image Data



Western blot analysis of the lysates from HUVEC cells using SLCO1B1 antibody.



Western Blot analysis of colo cells using OATP-C Polyclonal Antibody

