

ARG43401 anti-SLCO1B3 / OATP1B3 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes SLCO1B3 / OATP1B3
Tested Reactivity	Hu
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	SLCO1B3 / OATP1B3
Species	Human
Immunogen	KLH-conjugated synthetic peptide between aa. 639-668 of Human SLCO1B3 / OATP1B3.
Conjugation	Un-conjugated
Alternate Names	Organic anion-transporting polypeptide 8; LST3; Liver-specific organic anion transporter 2; OATP1B3; LST-3TM13; HBLRR; LST-2; SLC21A8; Solute carrier family 21 member 8; Organic anion transporter 8; OATP-8; Solute carrier organic anion transporter family member 1B3; OATP8

Application Instructions

Application table	<table> <tr> <th>Application</th><th>Dilution</th></tr> <tr> <td>WB</td><td>1:2000</td></tr> </table>	Application	Dilution	WB	1:2000
Application	Dilution				
WB	1:2000				
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.				
Positive Control	HeLa and NCI-H460				
Observed Size	85, 110-120 kDa				

Properties

Form	Liquid
Purification	Purification with Protein A and immunogen peptide.
Buffer	PBS and 0.09% (W/V) Sodium azide.
Preservative	0.09% (W/V) Sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

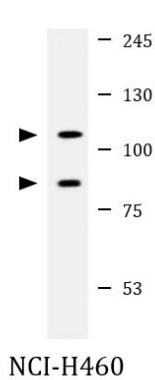
Gene Symbol	SLCO1B3
Gene Full Name	solute carrier organic anion transporter family, member 1B3
Background	This gene encodes a liver-specific member of the organic anion transporter family. The encoded protein is a transmembrane receptor that mediates the sodium-independent uptake of endogenous and xenobiotic compounds and plays a critical role in bile acid and bilirubin transport. Mutations in this gene are a cause of Rotor type hyperbilirubinemia. Alternative splicing of this gene and the use of alternative promoters results in transcript variants encoding different isoforms that differ in their tissue specificity. [provided by RefSeq, Mar 2017]
Function	Mediates the Na(+)-independent uptake of organic anions such as 17-beta-glucuronosyl estradiol, taurocholate, triiodothyronine (T3), leukotriene C4, dehydroepiandrosterone sulfate (DHEAS), methotrexate and sulfobromophthalein (BSP). Involved in the clearance of bile acids and organic anions from the liver. [UniProt]
Calculated Mw	77 kDa
PTM	N-glycosylated. [UniProt]
Cellular Localization	Basolateral cell membrane; Multi-pass membrane protein. [UniProt]

Images



ARG43401 anti-SLCO1B3 / OATP1B3 antibody WB image

Western blot: 20 µg of HeLa whole cell lysate stained with ARG43401 anti-SLCO1B3 / OATP1B3 antibody at 1:2000 dilution.



ARG43401 anti-SLCO1B3 / OATP1B3 antibody WB image

Western blot: 20 µg of NCI-H460 whole cell lysate stained with ARG43401 anti-SLCO1B3 / OATP1B3 antibody at 1:2000 dilution.