

SLCO1B3 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18964b

Specification

SLCO1B3 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	Q9NPD5
Other Accession	NP_062818.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit Ig
Antigen Region	639-668

SLCO1B3 Antibody (C-term) - Additional Information

Gene ID 28234

Other Names

Solute carrier organic anion transporter family member 1B3, Liver-specific organic anion transporter 2, LST-2, Organic anion transporter 8, Organic anion-transporting polypeptide 8, OATP-8, Solute carrier family 21 member 8, SLCO1B3, LST2, OATP1B3, OATP8, SLC21A8

Target/Specificity

This SLCO1B3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 639-668 amino acids from the C-terminal region of human SLCO1B3.

Dilution

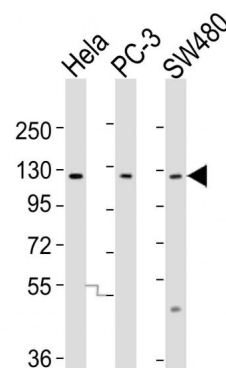
WB~~1:2000

Format

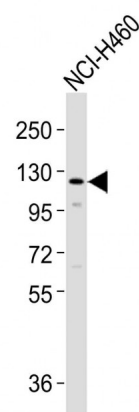
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.



All lanes : Anti-SLCO1B3 Antibody (C-term) at 1:2000 dilution Lane 1: HeLa whole cell lysates Lane 2: PC-3 whole cell lysates Lane 3: SW480 whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 77 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



Anti-SLCO1B3 Antibody (C-term) at 1:1000 dilution + NCI-H460 whole cell lysates

Precautions

SLCO1B3 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

SLCO1B3 Antibody (C-term) - Protein Information

Name SLCO1B3

Synonyms LST2, OATP1B3, OATP8, SLC21A8

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.

Cellular Location

Basolateral cell membrane; Multi-pass membrane protein

Tissue Location

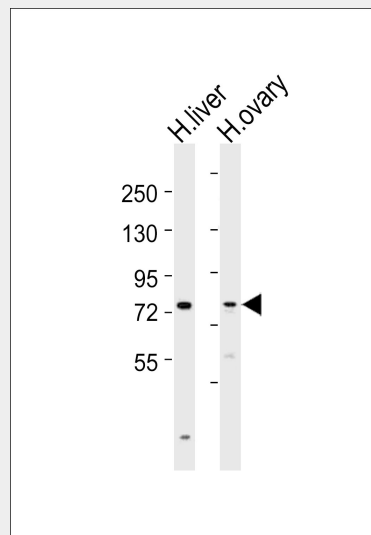
Highly expressed in liver, in particular at the basolateral membrane of hepatocytes near the central vein. Not detected in other tissues. Highly expressed in some cancer cell lines derived from colon, pancreas, liver and gall bladder

SLCO1B3 Antibody (C-term) - Protocols

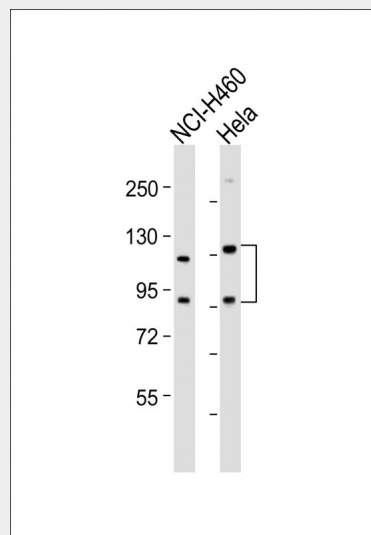
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Lysates/proteins at 20 µg per lane.
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution
Predicted band size : 77 kDa
Blocking/Dilution buffer: 5% NFDM/TBST.

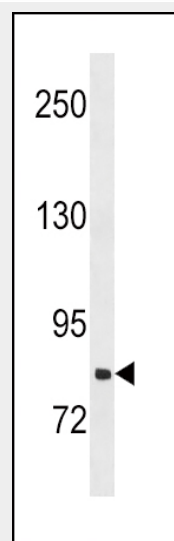


All lanes : Anti-SLCO1B3 Antibody (C-term) at 1:2000 dilution Lane 1: human liver lysates Lane 2: human ovary lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 77 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

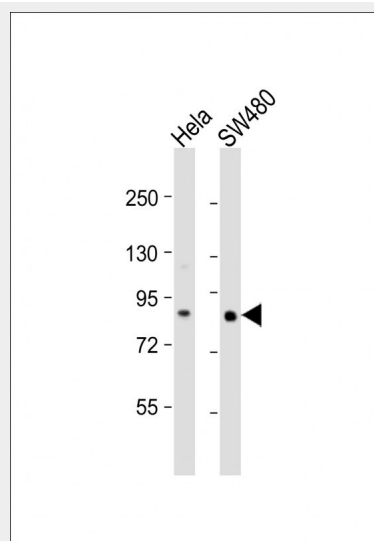


All lanes : Anti-SLCO1B3 Antibody (C-term) at 1:2000 dilution Lane 1: NCI-H460 whole cell lysate Lane 2: HeLa whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 77 kDa

Blocking/Dilution buffer: 5% NFDM/TBST.



SLCO1B3 Antibody (C-term) (Cat. #AP18964b) western blot analysis in NCI-H460 cell line lysates (35ug/lane). This demonstrates the SLCO1B3 antibody detected the SLCO1B3 protein (arrow).



All lanes : Anti-SLCO1B3 Antibody (C-term) at 1:2000 dilution Lane 1: HeLa whole cell lysate Lane 2: SW480 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 77 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

SLCO1B3 Antibody (C-term) - Background

SLCO1B3 belongs to the organic anion transporter (OATP)

family. OATPs are involved in the membrane transport of bile acids, conjugated steroids, thyroid hormone, eicosanoids, peptides, and numerous drugs in many tissues (Mikkaichi et al., 2004 [PubMed 14993604]).

SLCO1B3 Antibody (C-term) - References

Hu, M., et al. Pharmacogenet. Genomics 20(10):634-637(2010)
Weiner, M., et al. Antimicrob. Agents Chemother. 54(10):4192-4200(2010)
Kang, T.W., et al. Hum. Mol. Genet. 19(18):3672-3678(2010)
Takahashi, N., et al. J. Hum. Genet. (2010) In press :
Justenhoven, C., et al. Breast Cancer Res. Treat. (2010) In press :