SLCO1B3/OATP1B3 Polyclonal antibody

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Antibodies | ELISA kits | Proteins

Catalog Number:**22815-1-AP**

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Basic Information

Catalog Number:
22815-1-AP

Size:
150ul , Concentration: 400 ug/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG18940

GenBank Accession Number:
BC105597

GeneID (NCBI):
28234

UNIPROT ID:
Q9NPD5

Full Name:
solute carrier organic anion transporter family, member 1B3

Calculated MW:
702 aa, 77 kDa

Observed MW:
70-75 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:500-1:1000

Applications

Tested Applications:
WB, ELISA

Species Specificity:
human

Positive Controls:
WB : HeLa cells, L02 cells, human placenta tissue

Background Information

SLCO1B3, also known as OATP8 or OATP1B3, is a member of Organic Anion Transporting Polypeptides (OATPs) which are sodium-independent organic anion transporters mediating the uptake of a wide range of structurally diverse endogenous and exogenous compounds including bile acids, hormone conjugates, peptides, toxins, as well as a multitude of therapeutic drugs. SLCO1B3 is specifically expressed in liver under normal condition, while its expression has also been observed in cancer tissues like colon, prostate and pancreas. SLCO1B3 is a glycosylated protein and can be detected in the non-glycosylated form at 70-75 kDa(PMID: 21278621).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

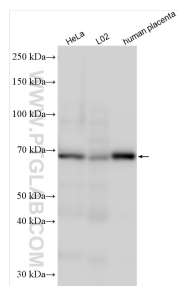***** 20ul sizes contain 0.1% BSA**

Selected Validation Data

Various lysates were subjected to SDS PAGE
followed by western blot with 22815-1-AP
(SLCO1B3/OATP1B3 antibody) at dilution of 1:600
incubated at room temperature for 1.5 hours.