

For Research Use Only

# OATP1B3 Polyclonal antibody

Catalog Number: 22815-1-AP



## Basic Information

<b>Catalog Number:</b> 22815-1-AP	<b>GenBank Accession Number:</b> BC105597	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 400 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 28234	<b>Recommended Dilutions:</b> WB 1:500-1:1000
<b>Source:</b> Rabbit	<b>Full Name:</b> solute carrier organic anion transporter family, member 1B3	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 702 aa, 77 kDa	
<b>Immunogen Catalog Number:</b> AG18940	<b>Observed MW:</b> 70-75 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HeLa cells, L02 cells, human placenta tissue
<b>Species Specificity:</b> human	

## 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

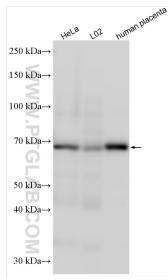
For technical support and original validation data for this product please contact:

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## Selected Validation Data



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