

For Research Use Only

SLCO2B1 Polyclonal antibody, PBS Only

Catalog Number: 55180-1-PBS



Basic Information

Catalog Number:

55180-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_007256

GeneID (NCBI):

11309

UNIPROT ID:

O94956

Full Name:

solute carrier organic anion transporter family, member 2B1

Calculated MW:

77 kDa

Observed MW:

61-74 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse

Background Information

Solute carrier organic anion (SLCO) gene families encode organic anion transport proteins (OATP), which are membrane transporters widely expressed in the human body that influx numerous compounds and drugs including androgens. SLCO2B1 is a member of an organic anion transporter family and has previously been shown to transport a multitude of drugs and steroid hormone conjugates (PMID: 35714613). High expression of SLCO2B1 is known to associate with the resistance to androgen deprivation therapy in prostate cancer (PMID: 29581838).

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

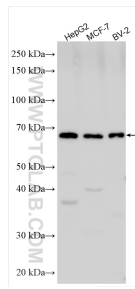
T: 4006900926

E: Proteintech-CN@ptglab.com

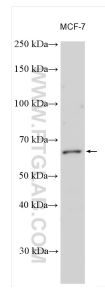
W: ptgcn.com

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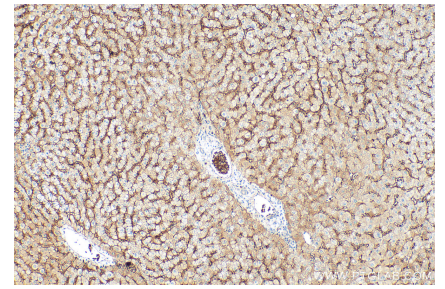
Selected Validation Data



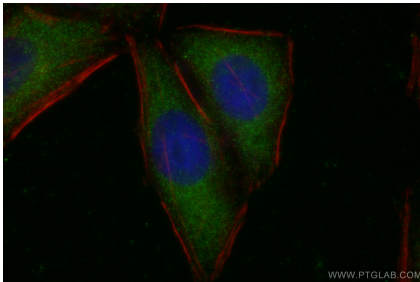
Various lysates were subjected to SDS PAGE followed by western blot with 55180-1-AP (SLCO2B1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 55180-1-PBS in a different storage buffer formulation.



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Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 55180-1-AP (SLCO2B1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 55180-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using SLCO2B1 antibody (55180-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-phalloidin (red). This data was developed using the same antibody clone with 55180-1-PBS in a different storage buffer formulation.