

À des fins de recherche uniquement

Anticorps Monoclonal anti-SLCO1B3



Numéro de catalogue: 66381-1-Ig **3 Publications**

Informations de base

Numéro de catalogue: 66381-1-Ig	Numéro d'acquisition GenBank: BC105597	Méthode de purification: Purification par protéine G
Taille: 150ul , Concentration: 1300 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 28234	CloneNo.: 1D9A4
Hôte: Mouse	Nom complet: solute carrier organic anion transporter family, member 1B3	Dilutions recommandées: WB 1:1000-1:8000 IHC 1:50-1:500 IF 1:400-1:1600
Isotype: IgG1	MW calculé: 702 aa, 77 kDa	
Immunogen Catalog Number: AG19033	MW observés: 68-77 kDa	

Applications

Applications testées:

IF, IHC, WB, ELISA

Demandes citées:

WB

Spécificité de l'espèce:

Humain

Espèces citées:

Humain

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) À défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules HepG2, cellules BxPC-3, cellules Caco-2, cellules COLO 320, cellules LO2, cellules PC-3, cellules SMMC-7721, cellules SW-1990

IHC : tissu de cancer du foie humain,

IF : cellules HepG2,

Informations générales

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. It corresponds to Oatp1b2 in mice, with the gene symbol Slco1b2. The mouse genome encodes only a single transporter gene in the OATP1B subfamily, because SLCO1B1 and SLCO1B3 arose in primates by gene duplication after divergence from rodents. The molecular mass of SLCO1B3 is highly dependent on the glycosylation modification (deglycosylated form of 65 kDa, fully-glycosylated form of 120 kDa).

Publications notables

Autrice	Pubmed ID	Journal	Application
Lianghui Zhi	34526411	Aging (Albany NY)	WB
Fayou Yang	30584236	Sci Rep	WB
Bei Wang	37193694	Nat Commun	WB

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

***** Les 20ul contiennent 0,1% de BSA.**

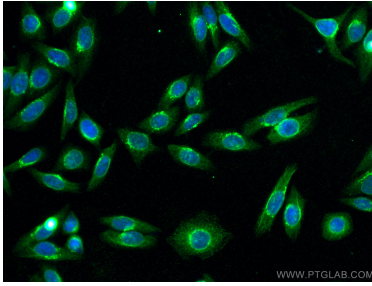
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

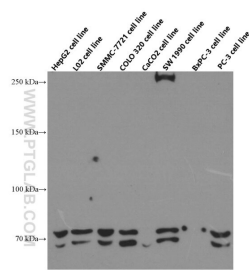
E: proteintech@ptglab.com
W: ptglab.com

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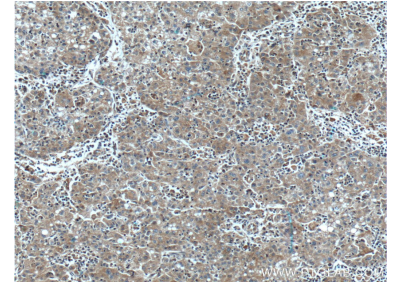
Données de validation sélectionnées



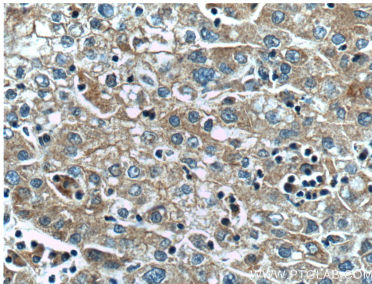
Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using SLCO1B3 antibody (66381-1-Ig, Clone: 1D9A4) at dilution of 1:800 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Western blot analysis of SLCO1B3 in various cell lines using Proteintech antibody 66381-1-Ig at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66381-1-Ig (SLCO1B3 antibody) at dilution of 1:400 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66381-1-Ig (SLCO1B3 antibody) at dilution of 1:400 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).