

For Research Use Only

UGT2B7 Polyclonal antibody

Catalog Number: 16661-1-AP **15 Publications**



Basic Information

Catalog Number: 16661-1-AP	GenBank Accession Number: BC030974	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 450 µg/ml by Nanodrop and 300 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 7364	Recommended Dilutions: WB 1:1000-1:4000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate IHC 1:20-1:200 IF 1:10-1:100
Source: Rabbit	Full Name: UDP glucuronosyltransferase 2 family, polypeptide B7	
Isotype: IgG	Calculated MW: 529 aa, 61 kDa	
Immunogen Catalog Number: AG10121	Observed MW: 55 kDa	

Applications

Tested Applications: IF, IHC, IP, WB, ELISA	Positive Controls: WB: rat liver tissue, HEK-293 cells IP: rat liver tissue, IHC: human liver tissue, IF: HepG2 cells,
Cited Applications: IF, IHC, IP, WB	
Species Specificity: human, rat	
Cited Species: human, rat	

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Michèle Rouleau	27681425	Cell Rep	WB
Camille Girard-Bock	27612916	Drug Metab Dispos	WB
Yuu Miyauchi	31660580	Br J Pharmacol	WB

Storage

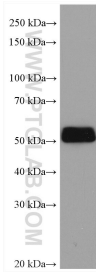
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

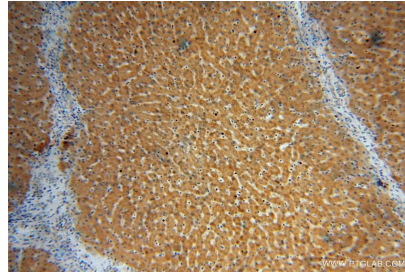
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

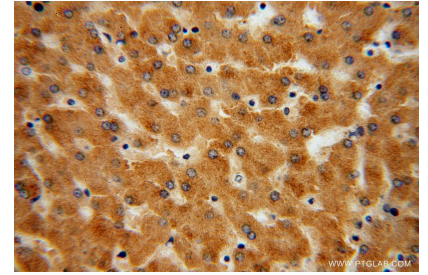
Selected Validation Data



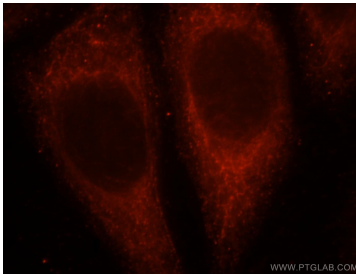
Rat liver lysates were subjected to SDS PAGE followed by western blot with 16661-1-AP (UGT2B7 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



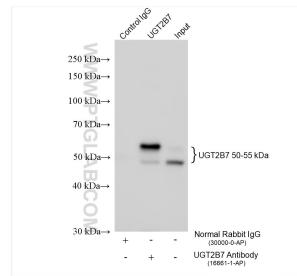
Immunohistochemical analysis of paraffin-embedded human liver using 16661-1-AP (UGT2B7 antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver using 16661-1-AP (UGT2B7 antibody) at dilution of 1:100 (under 40x lens).



Immunofluorescent analysis of HepG2 cells, using UGT2B7 antibody 16661-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



IP result of anti-UGT2B7(IP:16661-1-AP, 4ug; Detection:16661-1-AP 1:3000) with rat liver tissue lysate 4000 ug.