For Research Use Only

UGT1A1 Polyclonal antibody

Catalog Number:23495-1-AP 10 Publications

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Basic Information

Catalog Number:
23495-1-AP

Size:
150ul , Concentration: 400 µg/ml by Nanodrop and 300 µg/ml by Bradford method using BSA as the standard;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG19001

GenBank Accession Number:
BC128415

GeneID (NCBI):
54658

UNIPROT ID:
P22309

Full Name:
UDP glucuronosyltransferase 1 family, polypeptide A1

Calculated MW:
533 aa, 60 kDa

Observed MW:
50-60 kDa, 65-70 kDa

Purification Method:
Antigen Affinity purified

Recommended Dilutions:
WB 1:500-1:1000

Applications

Tested Applications:
WB, ELISA

Cited Applications:
WB, IHC, IF

Species Specificity:
human, mouse

Cited Species:
human, mouse, rat

Positive Controls:

WB : mouse liver tissue,

Background Information

UDP-glucuronosyltransferase 1A1 (UGT1A1) is one of nine transferases encoded on the UGT1 locus. Developmental regulation of the UGT1A1 gene is an important process that is needed to achieve normal levels of serum total bilirubin (TB). UGT1A1 is a 50-60 kda member of the UGT1A subfamily, and can be detected as 65-70kda band after posttranslational modification.

Notable Publications

Author	Pubmed ID	Journal	Application
Jianming Liu	36343550	Phytomedicine	WB,IHC
Yannick Audet-Delage	36295907	Metabolites	WB
Jianming Liu	35605478	Phytomedicine	WB,IHC

Storage

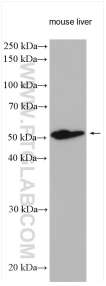
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 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



mouse liver tissue were subjected to SDS PAGE followed by western blot with 23495-1-AP (UGT1A1 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.