For Research Use Only

CYP3A7 Polyclonal antibody

Catalog Number:55428-1-AP 1 Publications

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Basic Information

Catalog Number:
55428-1-AP

Size:
150ul , Concentration: 2500 μg/ml by Nanodrop and 1000 μg/ml by Bradford method using BSA as the standard;

Source:
Rabbit

Isotype:
IgG

GenBank Accession Number:
NM_000765

GeneID (NCBI):
1551

Full Name:
cytochrome P450, family 3, subfamily A, polypeptide 7

Calculated MW:
58 kDa

Observed MW:
58 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:500-1:1000
IHC 1:50-1:500
IF 1:50-1:500

Applications

Tested Applications:
IF, IHC, WB,ELISA

Cited Applications:
IF

Species Specificity:
human, mouse

Cited Species:
human

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

Positive Controls:

WB : L02 cells, HepG2 cells

IHC : human liver cancer tissue,

IF : HepG2 cells,

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Koki Yoshimoto	33015019	Front Bioeng Biotechnol	IF

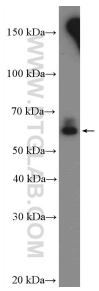
Storage

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

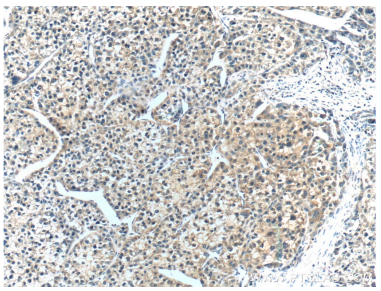
*** 20ul sizes contain 0.1% BSA

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

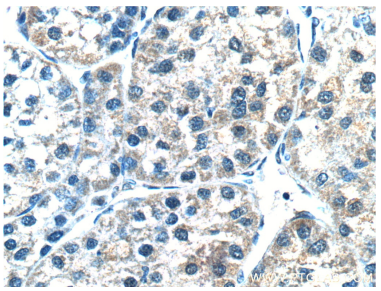
Selected Validation Data



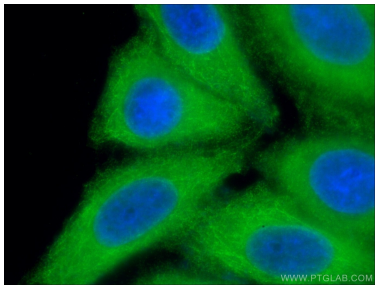
L02 cells were subjected to SDS PAGE followed by western blot with 55428-1-AP (CYP3A7 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 55428-1-AP (CYP3A7 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 55428-1-AP (CYP3A7 Antibody) at dilution of 1:200 (under 40x lens).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using 55428-1-AP (CYP3A7 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).