

For Research Use Only

CYP3A7 Polyclonal antibody

Catalog Number: 55428-1-AP

1 Publications



Basic Information

Catalog Number:

55428-1-AP

Size:

150ul, Concentration: 2500 ug/ml by 1551 Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_000765

GeneID (NCBI):

1551

UNIPROT ID:

P24462

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/ICC 1:50-1:500

Applications

Tested Applications:

WB, IHC, IF/ICC, 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/ICC: HepG2 cells,

Notable Publications

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

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

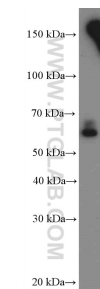
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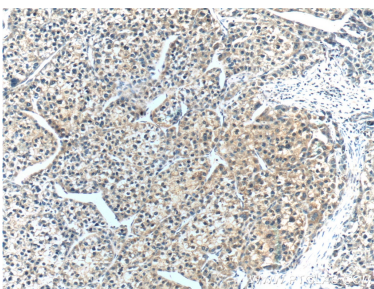
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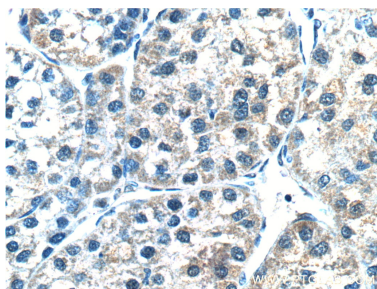
Selected Validation Data



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 CYP3A7 antibody (55428-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).