For Research Use Only

CYP3A5 Polyclonal antibody

Catalog Number:13737-1-AP 3 Publications

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Basic Information

Catalog Number:
13737-1-AP

Size:
150ul , Concentration: 600 ug/ml by Nanodrop and 400 ug/ml by Bradford method using BSA as the standard;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG4674

GenBank Accession Number:
BC033862

GeneID (NCBI):
1577

UNIPROT ID:
P20815

Full Name:
cytochrome P450, family 3, subfamily A, polypeptide 5

Calculated MW:
502 aa, 57 kDa

Observed MW:
52 kDa

Purification Method:
Antigen affinity purification

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

Applications

Tested Applications:
WB, IHC, ELISA

Cited Applications:
WB, IHC

Species Specificity:
human, mouse, rat

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 : mouse liver tissue, human liver tissue, HEK-293 cells

IHC : human liver cancer tissue,

Notable Publications

Author	Pubmed ID	Journal	Application
Tingbo Ye	35677150	Front Oncol	IHC
Liuqin He	29262538	Oncotarget	
Rocchina Miglionico	38928215	Int J Mol Sci	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
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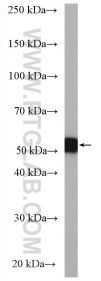
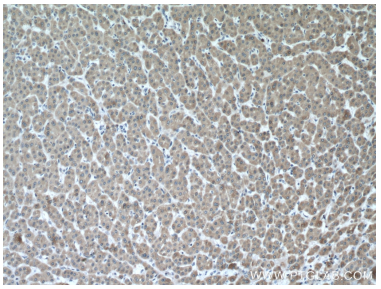
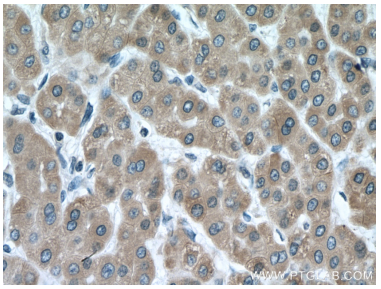
Selected Validation Data



mouse liver tissue were subjected to SDS PAGE followed by western blot with 13737-1-AP (CYP3A5 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 13737-1-AP (CYP3A5 antibody) at dilution of 1:200 (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 13737-1-AP (CYP3A5 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).