For Research Use Only

# CYP20A1 Monoclonal antibody

Catalog Number:67433-1-Ig 1 Publications

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## Basic Information

Catalog Number:
67433-1-Ig

Size:
150ul , Concentration: 1000 ug/ml by Nanodrop;

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG9715

GenBank Accession Number:
BC020616

GeneID (NCBI):
57404

UNIPROT ID:
Q6UW02

Full Name:
cytochrome P450, family 20, subfamily A, polypeptide 1

Calculated MW:
462 aa, 52 kDa

Observed MW:
49-52 kDa

Purification Method:
Protein G purification

CloneNo.:
2A9E2

Recommended Dilutions:
WB: 1:5000-1:50000
IHC: 1:250-1:1000
IF/ICC: 1:200-1:800

## Applications

Tested Applications:
WB, IHC, IF/ICC, ELISA

Cited Applications:
WB

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 : LNCaP cells, HeLa cells, HEK-293 cells, HepG2 cells, Jurkat cells, HSC-T6 cells, NIH/3T3 cells, 4T1 cells, K-562 cells, Neuro-2a cells

IHC : human liver cancer tissue,

IF/ICC : HeLa cells,

## Notable Publications

| Author | Pubmed ID | Journal | Application |
|---|---|---|---|
| Ruolan Pan | 41087653 | J Physiol Biochem | WB |

## Storage

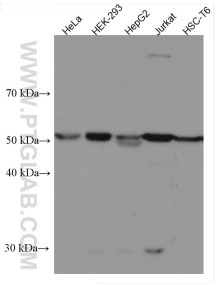
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

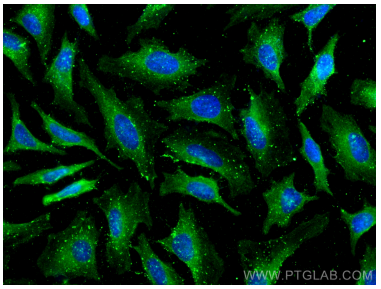
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

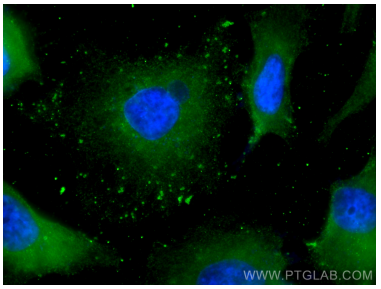
## Selected Validation Data




Various lysates were subjected to SDS PAGE followed by western blot with 67433-1-Ig (CYP20A1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.




Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using CYP20A1 antibody (67433-1-Ig, Clone: 2A9E2 ) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).

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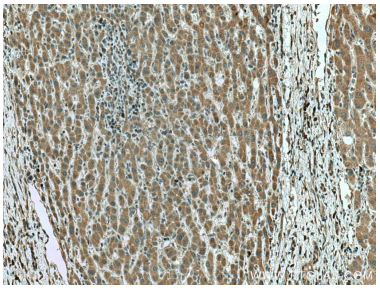
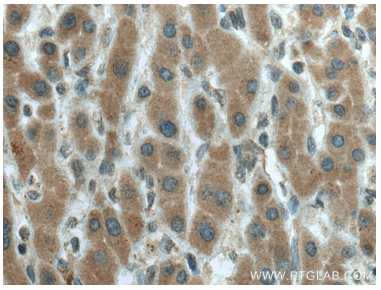
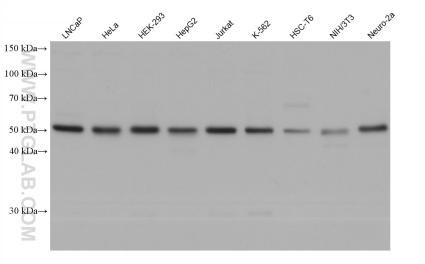


Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 67433-1-Ig (CYP20A1 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).




Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 67433-1-Ig (CYP20A1 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).




Various lysates were subjected to SDS PAGE followed by western blot with 67433-1-Ig (CYP20A1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.