

For Research Use Only

# CYP4F11-Specific Polyclonal antibody

Catalog Number: 20012-1-AP

2 Publications



## Basic Information

### Catalog Number:

20012-1-AP

### Size:

150ul, Concentration: 260 ug/ml by Nanodrop and 247 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### GenBank Accession Number:

NM\_001128932

### GeneID (NCBI):

57834

### UNIPROT ID:

Q9HBI6

### Full Name:

cytochrome P450, family 4, subfamily F, polypeptide 11

### Calculated MW:

60 kDa

### Observed MW:

60 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

IHC 1:20-1:200

IF/ICC 1:10-1:100

## Applications

### Tested Applications:

IHC, IF/ICC, ELISA

### Cited Applications:

IHC

### Species Specificity:

human, mouse

### Cited Species:

human, mouse

**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:

IHC : human hepatocirrhosis tissue,

IF/ICC : HepG2 cells,

## Background Information

CYP4F11 belongs to the cytochrome P450 family. Cytochromes P450 are a group of heme-thiolate monooxygenases. CYP4F11 catalyze the reaction: RH + reduced flavoprotein + O<sub>2</sub> = ROH + oxidized flavoprotein + H<sub>2</sub>O. The antibody is specific to CYP4F11. It has no cross reaction to other CYP4F member. This antibody is specific to CYP4F11.

## Notable Publications

Author	Pubmed ID	Journal	Application
Tao Zhang	33310663	Int Immunopharmacol	
Juan Yang	38646426	Biochem Biophys Rep	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

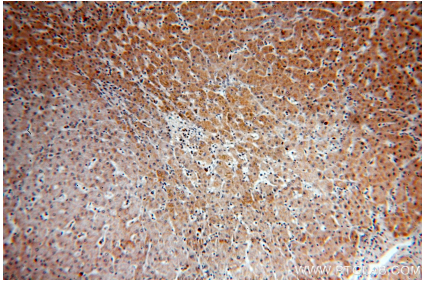
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

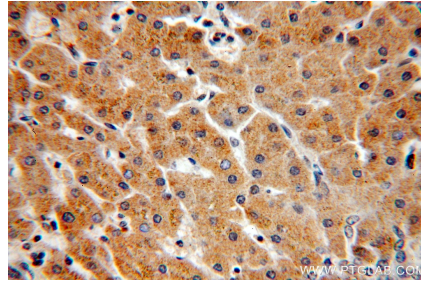
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

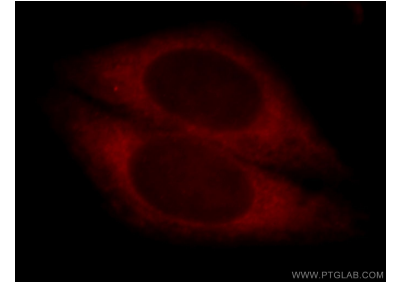
## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human hepatocirrhosis using 20012-1-AP (CYP4F11-Specific antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human hepatocirrhosis using 20012-1-AP (CYP4F11-Specific antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of HepG2 cells, using CYP4F11 antibody 20012-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).