

For Research Use Only

# CYP4A11 Polyclonal antibody

Catalog Number: 11688-1-AP

6 Publications



## Basic Information

Catalog Number:

11688-1-AP

Concentration:

300 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2300

GenBank Accession Number:

BC022851

GeneID (NCBI):

1579

UNIPROT ID:

Q02928

Full Name:

cytochrome P450, family 4, subfamily A, polypeptide 11

Calculated MW:

519 aa, 59 kDa

Observed MW:

59 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:300-1:1000

## Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, rat

**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 : HEK-293 cells, rat kidney tissue, mouse kidney tissue

IHC : human kidney tissue, human liver tissue

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Deshi Dong	25310017	Food Funct	WB
Shumei Ding	31063766	Chem Biol Interact	WB
Deshi Dong	31384877	Food Funct	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

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

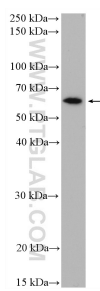
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

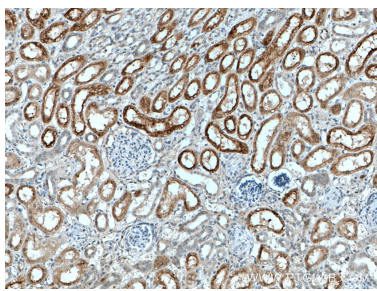
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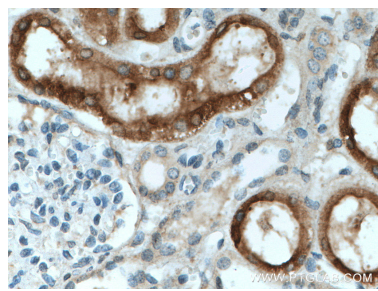
Selected Validation Data



HEK-293 cells were subjected to SDS PAGE followed by western blot with 11688-1-AP (CYP4A11 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 11688-1-AP (CYP4A11 antibody) at dilution of 1:1000 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 11688-1-AP (CYP4A11 antibody) at dilution of 1:1000 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).