

For Research Use Only

CYP4A11 Polyclonal antibody

Catalog Number: 11688-1-AP

6 Publications



Basic Information

Catalog Number:

11688-1-AP

Size:

150ul, Concentration: 300 ug/ml by Nanodrop and 280 ug/ml by Bradford method using BSA as the standard;

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

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

*** 20ul sizes contain 0.1% BSA

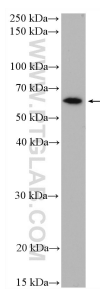
For technical support and original validation data for this product please contact:

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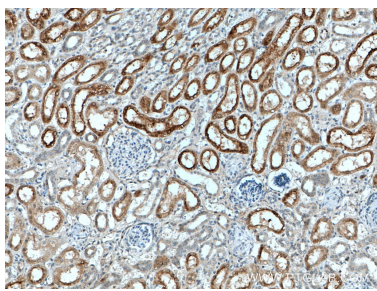
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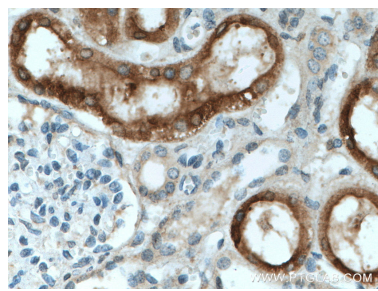
Selected Validation Data



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).