

For Research Use Only

CYP4F2-Specific Recombinant antibody

Catalog Number: 85320-1-RR



Basic Information

Catalog Number:

85320-1-RR

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_001082

GeneID (NCBI):

8529

UNIPROT ID:

P78329

Full Name:

cytochrome P450, family 4, subfamily F, polypeptide 2

Calculated MW:

60 kDa

Observed MW:

50-53 kDa

Purification Method:

Protein A purification

CloneNo.:

242307B10

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : HeLa cells, L02 cells, A549 cells, HuH-7 cells, SMMC-7721 cells, mouse liver tissue

Background Information

CYP4F2, also named as CPF2, belongs to the cytochrome P450 family. Cytochromes P450 are a group of heme-thiolate monooxygenases. In liver microsomes, CYP4F2 is involved in an NADPH-dependent electron transport pathway. It oxidizes a variety of structurally unrelated compounds, including steroids, fatty acids, and xenobiotics. This antibody is specific to CYP4F2 with an observed molecular weight of 50-53 kDa (PMID: 17341693, PMID: 37121548).

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:

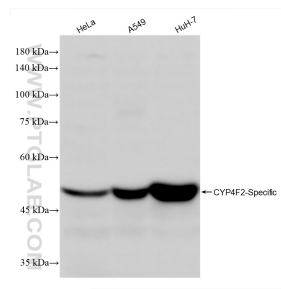
T: 4006900926

E: Proteintech-CN@ptglab.com

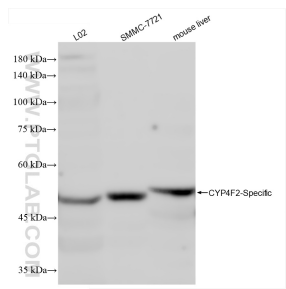
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85320-1-RR (CYP4F2-Specific antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



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