

For Research Use Only

CYP4F11 Recombinant monoclonal antibody

Catalog Number: 88260-1-RR



Basic Information

Catalog Number:

88260-1-RR

Size:

100ul

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2906

GenBank Accession Number:

BC016853

GeneID (NCBI):

57834

UNIPROT ID:

Q9HBI6

Full Name:

cytochrome P450, family 4, subfamily

F, polypeptide 11

Calculated MW:

524 aa, 60 kDa

Observed MW:

57-60 kDa

Purification Method:

Protein A purification

CloneNo.:

260726A10

Recommended Dilutions:

WB: 1:2000-1:10000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : A549 cells, A431 cells, mouse liver tissue, rat liver tissue

Background Information

CYP4F11, also named as CYP11B1, belongs to the cytochrome P450 family. It is the lone CYP4F/A enzyme that effectively oxidized 3-hydroxypalmitate. It is the predominant catalyst of this fatty acid oxidation reaction in human liver. CYP4F11 is one of the primary human epidermal keratinocytes. It is positively regulated by multiple signaling pathways in HaCaT keratinocytes, including RXR and JNK signaling pathways. (PMID:19812349)

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

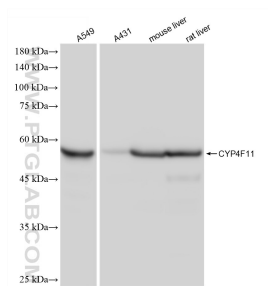
For technical support and original validation data for this product please contact:

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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 88260-1-RR (CYP4F11 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.