

For Research Use Only

CYP4V2 Polyclonal antibody

Catalog Number: 13826-1-AP



Basic Information

Catalog Number:

13826-1-AP

Size:

150ul , Concentration: 750 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4952

GenBank Accession Number:

BC060857

GeneID (NCBI):

285440

UNIPROT ID:

Q6ZWL3

Full Name:

cytochrome P450, family 4, subfamily V, polypeptide 2

Calculated MW:

61 kDa

Observed MW:

55 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:8000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : mouse liver tissue,

Background Information

A cytochrome P450 monooxygenase involved in fatty acid metabolism in the eye. Catalyzes the omega-hydroxylation of polyunsaturated fatty acids (PUFAs) docosahexaenoate (DHA) and its precursor eicosapentaenoate (EPA), and may contribute to the homeostasis of these retinal PUFAs (PMID: 22772592).

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

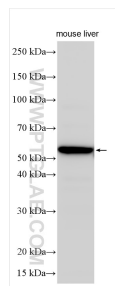
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 13826-1-AP (CYP4V2 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.