

For Research Use Only

CYP4V2 Polyclonal antibody

Catalog Number: 13826-1-AP



Basic Information

Catalog Number:

13826-1-AP

Size:

750 ug/ml

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

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

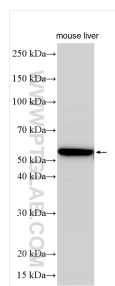
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



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