

For Research Use Only

FMO4 Polyclonal antibody

Catalog Number: 15394-1-AP



Basic Information

Catalog Number:

15394-1-AP

Size:

150ul , Concentration: 500 ug/ml by Nanodrop and 260 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7590

GenBank Accession Number:

BC002780

GeneID (NCBI):

2329

UNIPROT ID:

P31512

Full Name:

flavin containing monooxygenase 4

Calculated MW:

63 kDa

Observed MW:

63 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HEK-293 cells,

Background Information

FMO4, belongs to FMO (flavin containing monooxygenase) family, which catalyzes the oxidation of soft nucleophilic heteroatom centers in drugs, pesticides, and xenobiotics. FMO family has 1-5 members. 2 splicing variants of FMO4 were reported, according to 56kda and 63kda bands in SDS page. This antibody, generated by N-330 amino-acids of FMO4, can recognize the 2 variants and also cross-react with other FMO proteins.

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

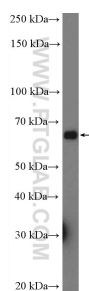
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Selected Validation Data



HEK-293 cells were subjected to SDS PAGE followed by western blot with 15394-1-AP (FMQ4 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.