

# FMO4 Polyclonal antibody

Catalog Number: 15394-1-AP

## Basic Information

**Catalog Number:**

15394-1-AP

**Size:**

500 µg/ml

**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:**

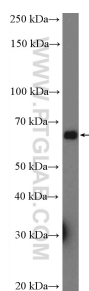
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

## 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.