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CYP4F12

Reactivity: Human Mouse Rat

Tested applications:WB

Recommended Dilution:WB 1:500 - 1:2000

Calculated MW:60kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human CYP4F12

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

CYPIVF12; F22329_1;

Catalog #:A7993

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID:66002

Isotype: IgG

Swiss Prot:Q9HCS2

Purity: Affinity purification

For research use only.

Background:

This gene encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. This protein likely localizes to the endoplasmic reticulum. When expressed in yeast the enzyme is capable of oxdizing arachidonic acid. It can also catalyze the epoxidation of 22:6n-3 and 22:5n-3 polyunsaturated long-chain fatty acids. This gene is part of a cluster of cytochrome P450 genes on chromosome 19. Alternative splicing results in multiple transcript variants.

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