

CYP4F2 Antibody, HRP conjugated



PACO55455

Product Information

Size:

50ug

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA

Recommended dilutions:**Protein Background:**

Omega-hydroxylase that oxidizes a variety of structurally unrelated compounds, including steroids, fatty acid, and xenobiotics. Plays a key role in vitamin K catabolism by mediating omega-hydroxylation of vitamin K1 (phylloquinone), and menaquinone-4 (MK-4), a form of vitamin K2. Hydroxylation of phylloquinone and MK-4 probably regulates blood coagulation. Also shows arachidonic acid, omega-hydroxylase activity in kidney, by mediating conversion of arachidonic acid, to 20-hydroxyeicosatetraenoic acid, (20-HETE), possibly influencing blood pressure control. Also acts as a leukotriene-B(4) omega-hydroxylase by mediating conversion of leukotriene-B(4) (LTB4) to its omega-hydroxylated metabolite 20-hydroxyleukotriene-B(4) (20-OH LTB4).

Gene ID:

CYP4F2

Uniprot

P78329

Synonyms:

Phylloquinone omega-hydroxylase CYP4F2 (EC 1.14.13.194) (20-hydroxyeicosatetraenoic acid, synthase) (20-HETE synthase) (EC 1.14.13) (Arachidonic acid, omega-hydroxylase) (CYP4F2) (Cytochrome P450 4F2) (Cytochrome P450-LTB-omega) (Leukotriene-B(4) 20-monooxygenase 1) (Leukotriene-B(4) omega-hydroxylase 1) (EC 1.14.13.30), CYP4F2

Immunogen:

Recombinant Human Phylloquinone omega-hydroxylase CYP4F2 protein (268-373AA).

Storage:

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, pH 7.4

Product Images

N/A

N/A