



## **CP4AM Polyclonal Antibody**

omega-hydroxylase) (EC 1.14.15.3)  Immunogen Synthesized peptide derived from part region of human protein AA range: 403-453  Specificity CP4AM Polyclonal Antibody detects endogenous levels of protein.  Formulation Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.  Source Polyclonal, Rabbit, IgG  Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution WB 1:500-2000 ELISA 1:5000-20000  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms  Observed Band 57kD  Cell Pathway Endoplasmic reticulum membrane; Peripheral membrane protein. Microsor membrane; Peripheral membrane protein.  Kidney,Liver,  Function  catalytic activity: Octane + reduced rubredoxin + O(2) = 1-octanol + oxidized rubredoxin + H(2)O., caution: Was originally (PubMed: 10860550) termed CYP4A11, function: Catalyzes the omega- and (omega-1)-hydroxylation of variety acids such as laurate and palmitate. Shows no activity towards arachid acid and prostaglandin A1. Lacks functional activity in the kidney and does recontribute to renal 20-hydroxyeicosatetraenoic acid (20-HETE) biosynthesis, online information: CYP4A22 alleles, similarity: Belongs to the cytochrome P450 family, 4 subfamily A member 22(CYP4A22) Homo sapien This gene encodes a member of the cytochrome P450 superfamily of enzyn The cytochrome P450 family 4 subfamily A member 22(CYP4A22) Homo sapien This gene encodes a member of the cytochrome P450 superfamily of enzyn		
Reactivity Human;Rat;Mouse;  Applications WB;ELISA  Gene Name CYP4A22  Protein Name Cytochrome P450 4A22 (CYPIVA22) (Fatty acid omega-hydroxylase) (Lauri omega-hydroxylase) (EC 1.14.15.3)  Immunogen Synthesized peptide derived from part region of human protein AA range: 403-453  Specificity CP4AM Polyclonal Antibody detects endogenous levels of protein.  Formulation Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.  Source Polyclonal, Rabbit,IgG  Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution WB 1:500-2000 ELISA 1:5000-20000  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms  Observed Band 57kD  Cell Pathway Endoplasmic reticulum membrane ; Peripheral membrane protein . Microsom pation + H(2)O caution; Was originally (PubMed: 10860550) termed CYP4A11, function: Catalyzes the omega- and (omega-1)-hydroxylation of viatty acids such as laurate and paimitals . Shovs no activity in the kidney and does recontibute to renal 20-hydroxylesiosatetraenoic caid (20-HETE) biosynthesis, online information: CYP4A22 alleles, similarity: Belongs to the cytochrome P450 family 4 subfamily 4 member 22(CYP4A21) Homo sapien This gene encodes a member of the cytochrome P450 superfamily of enzym The cytochrome P450	Catalog No	YP-Ab-06704
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other lipids. This gene is part of a cluster of cytochrome P450 genes on chromosome 1p33. Alternative splicing results in multiple transcript variants	Background	reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. This gene is part of a cluster of cytochrome P450 genes on



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encoding different isoforms. [provided by RefSeq, Apr 2015],

matters needing attention	Avoid repeated freezing and thawing!
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