



CP2C9 Polyclonal Antibody

+ H(2)O.,catalytic activity:(-)-(S)-limonene + NADPH + O(2) = (-)-perillyl alcohol - NADP(+) + H(2)O.,catalytic activity:(-)-(S)-limonene + NADPH + O(2) = (-)-trans-carveol + NADP(+) + H(2)O.,cofactor:Heme group.,function:Cytochromes P450 are a group of heme-thiolate monooxygenases. In liver microsomes, this enzyme is involved in an NADPH-dependent electron transport pathway. It oxidizes a variety of structurall unrelated compounds, including steroids, fatty acids, and xenobiotics. This enzyme contributes to the wide pharmacokinetics variability of the metabolism of		
Reactivity Human;Rat;Mouse; Applications WB;ELISA Gene Name CYP2C9 CYP2C10 Protein Name Cytochrome P450 2C9 (EC 1.14.132) ((R)-limonene 6-monocxygenase) (EC 1.14.13.48) ((S)-limonene 6-monocxygenase) (EC 1.14.13.48) ((S)-limonene 7-monocxygenase) (EC 1.14.13.48) ((S)-limonene 7-monocxygenase) (EC 1.14.13.48) ((S)-limonene 7-monocxygenase) (EC 1.14.13.49) (CYPIIC9) (Cytochrome P-Immunogen Synthesized peptide derived from part region of human protein Specificity CP2C9 Polyclonal Antibody detects endogenous levels of protein. Formulation Liquid in PBS containing 50% glycerol, and 0.02% sodium azide. Source Polyclonal, Rabbit,IgG Puriffication 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 53kD Cell Pathway Endoplasmic reticulum membrane; Peripheral membrane protein. Microsome membrane; Peripheral membrane protein. Tissue Specificity Blood, Breast, Liver, PCR rescued clones, catalytic activity: (+)-(R)-limonene + NADPH + O(2) = (+)-trans-carveol + NADP(+ + H(2)O, catalytic activity: (-)-(S)-limonene + NADPH + O(2) = (-)-perilly alcohol - NADP(+) + H(2)O, catalytic activity: (-)-(S)-limonene + NADPH + O(2) = (-)-perilly alcohol - NADP(+) + H(2)O, catalytic activity: (-)-(S)-limonene + NADPH + O(2) = (-)-perilly alcohol - NADP(+) + H(2)O, catalytic activity: (-)-(S)-limonene + NADPH + O(2) = (-)-perilly alcohol - NADP(+) + H(2)O, catalytic activity: (-)-(S)-limonene + NaDPH + O(2) = (-)-perilly alcohol - NADP(+) + H(2)O, catalytic activity: (-)-(S)-limonene + NaDPH + O(2) = (-)-perilly alcohol - NADP(+) + H(2)O, catalytic activity: (-)-(S)-limonene + NaDPH + O(2) = (-)-perilly alcohol - NADP(+) + H(2)O, catalytic activity: (-)-(S)-limonene + NaDPH + O(2) = (-)-perilly alcohol - NADP(+) + H(2)O, catalytic activity: (-)-(S)-limonene + NaDPH + O(2) = (-)-perilly alcohol - NADP(+) + H(2)O, catalytic activit	Catalog No	BYab-06701
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Nanjing BYabscience technology Co.,Ltd

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	losartan.,induction:By rifampicin.,online information:CYP2C9 alleles,similarity:Belongs to the cytochrome P450 family.,
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 localizes to the endoplasmic reticulum and its expression is induced by rifampin. The enzyme is known to metabolize many xenobiotics, including phenytoin, tolbutamide, ibuprofen and S-warfarin. Studies identifying individuals who are poor metabolizers of phenytoin and tolbutamide suggest that this gene is polymorphic. The gene is located within a cluster of cytochrome P450 genes on chromosome 10q24. [provided by RefSeq, Jul 2008],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

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