

CP2C9 Rabbit pAb

CatalogNo: YN1835

Key Features

Host Species

- Rabbit

Reactivity

- Human

Applications

- WB, ELISA

MW

- 53kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

Storage

Storage*

-15°C to -25°C/1 year(Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality

Polyclonal

Immunogen Information

Immunogen

Synthesized peptide derived from part region of human protein

Specificity

CP2C9 Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name

CYP2C9 CYP2C10

Protein Name	Cytochrome P450 2C9 ((R)-limonene 6-monooxygenase) ((S)-limonene 6-monooxygenase) ((S)-limonene 7-monooxygenase) (CYP11C9) (Cytochrome P-450MP) (Cytochrome P450 MP-4) (Cytochrome P450 MP-8) (Cytochrome P450 PB-1) (S-mephenytoin 4-hydroxylase)		
	Organism	Gene ID	UniProt ID
	Human	1559 ;	P11712 ;
Cellular Localization	Endoplasmic reticulum membrane; Peripheral membrane protein. Microsome membrane ; Peripheral membrane protein.		
Tissue specificity	Blood,Breast,Liver,PCR rescued clones,		
Function	Catalytic activity:(+)-(R)-limonene + NADPH + O(2) = (+)-trans-carveol + NADP(+) + 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 structurally unrelated compounds, including steroids, fatty acids, and xenobiotics. This enzyme contributes to the wide pharmacokinetics variability of the metabolism of drugs such as S-warfarin, diclofenac, phenytoin, tolbutamide and losartan.,induction:By rifampicin.,online information:CYP2C9 alleles,similarity:Belongs to the cytochrome P450 family.,		

Validation Data

Contact information

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CP2C9 Rabbit pAb

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