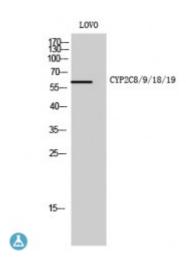


Anti-CYP2C8/9/18/19 antibody



Description Rabbit polyclonal to CYP2C8/9/18/19.

Model STJ92578

Host Rabbit

Reactivity Human

Applications ELISA, IF, IHC, WB

Immunogen Synthesized peptide derived from human CYP2C8/9/18/19

Immunogen Region 80-160 aa, Internal

Gene ID <u>1558</u>

Gene Symbol CYP2C8

Dilution range WB 1:500-1:2000IHC 1:100-1:300IF 1:200-1:1000ELISA 1:20000

Specificity CYP2C8/9/18/19 Polyclonal Antibody detects endogenous levels of

CYP2C8/9/18/19 protein.

Purification The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Note For Research Use Only (RUO).

Protein Name Cytochrome P450 2C8 CYPIIC8 Cytochrome P450 IIC2 Cytochrome P450

MP-12 Cytochrome P450 MP-20 Cytochrome P450 form 1 S-mephenytoin 4-

hydroxylase

Molecular Weight 60 kDa

Clonality Polyclonal

Conjugation Unconjugated

Isotype IgG

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

Concentration 1 mg/ml

Storage Instruction Store at -20°C, and avoid repeat freeze-thaw cycles.

Database Links <u>HGNC:2622OMIM:601129</u>

Alternative Names Cytochrome P450 2C8 CYPIIC8 Cytochrome P450 IIC2 Cytochrome P450

MP-12 Cytochrome P450 MP-20 Cytochrome P450 form 1 S-mephenytoin 4-

hydroxylase

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. In the epoxidation of arachidonic acid it generates only 14,15- and 11,12-cis-epoxyeicosatrienoic

acids. It is the principal enzyme responsible for the metabolism the anti-cancer

drug paclitaxel (taxol).

Cellular Localization Endoplasmic reticulum membrane. Peripheral membrane protein. Microsome

membrane. Peripheral membrane protein.

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