

CYP2C18

Reactivity: Human Mouse Rat

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW: 56kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human CYP2C18

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

CPCI; CYP2C; CYP2C17; P450IIC17; P450-6B/29C;

Catalog #: A7431

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 1562

Isotype: IgG

Swiss Prot: P33260

Purity: Affinity purification

For research use only.

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 but its specific substrate has not yet been determined. The gene is located within a cluster of cytochrome P450 genes on chromosome 10q24. An additional gene, CYP2C17, was once thought to exist; however, CYP2C17 is now considered an artefact based on a chimera of CYP2C18 and CYP2C19. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

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