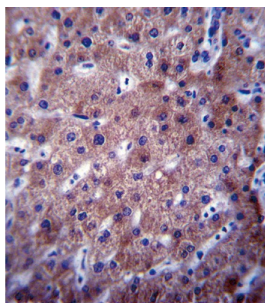


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Cytochrome P450 2C19 (CYP2C19) Antibody

Catalogue No.: abx032948



CYP2C19 is 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 is known to metabolize many xenobiotics, including the anticonvulsive drug mephenytoin, omeprazole, diazepam and some barbiturates. Polymorphism within its gene is associated with variable ability to metabolize mephenytoin, known as the poor metabolizer and extensive metabolizer phenotypes.

Target: CYP2C19

Reactivity: Human

Host: Rabbit

Clonality: Polyclonal

Tested Applications: WB, IHC

Recommended dilutions: Optimal dilutions/concentrations should be determined by the end user.

Immunogen: Human CYP2C19.

Purification: Purified Rabbit Polyclonal Antibody.

Isotype: IgG

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Conjugation: Unconjugated

Specificity: This CYP2C19 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 257-285 amino acids from the Central region of human CYP2C19.

Storage: Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.

Swiss Prot: [P33261](#)

Buffer: PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Note: This product is for research use only.