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本公司提供的电子版本说明书仅供参考，实验请以收到的纸质手册为准。

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Anti-Human CYP2C19 Polyclonal Antibody

多克隆抗体

产品货号: PA03381

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第三版

**描述:** 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 is known to metabolize many xenobiotics, including the anticonvulsive drug mephenytoin, omeprazole, diazepam and some barbiturates. Polymorphism within this gene is associated with variable ability to metabolize mephenytoin, known as the poor metabolizer and extensive metabolizer phenotypes. The gene is located within a cluster of cytochrome P450 genes on chromosome 10q24. CYP2C19 (Cytochrome P450 Family 2 Subfamily C Member 19) is a Protein Coding gene. Diseases associated with CYP2C19 include Mephenytoin Poor Metabolizer and Cyp2c19-Related Altered Drug Metabolism. Among its related pathways are Cytochrome P450 - arranged by substrate type and Paroxetine Pathway, Pharmacokinetics. GO annotations related to this gene include enzyme binding and iron ion binding. An important paralog of this gene is CYP2C9.

**抗原:** Synthesized peptide derived from the Internal region of human CYP2C19

**配方:**

**如何使用:** 加1ml超纯水重溶

**稳定性:** -20 ° C保存条件下，冻干粉,保质期为五年；液体，保质期为两年。

**稀释液:** PBS (pH7.4) , 1% BSA

**应用:** WB 1 ~ 5  $\mu$ g/ml.

**特异性:**