

Anti-Human CYP2C8 Polyclonal Antibody**Polyclonal Antibody****Cat.NO.: PA03383**

3th Edition

Description:CYP2C8 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 its expression is induced by phenobarbital. The enzyme is known to metabolize many xenobiotics, including the anticonvulsive drug mephenytoin, benzo(a)pyrene, 7-ethoxycoumarin, and the anti-cancer drug taxol. This gene is located within a cluster of cytochrome P450 genes on chromosome 10q24. Several transcript variants encoding a few different isoforms have been found for this gene. CYP2C8 (Cytochrome P450 Family 2 Subfamily C Member 8) is a Protein Coding gene. Diseases associated with CYP2C8 include Cyp2c8-Related Altered Drug Metabolism and Osteonecrosis Of The Jaw. Among its related pathways are Cytochrome P450 - arranged by substrate type and Arachidonate Epoxygenase / Epoxide Hydrolase. GO annotations related to this gene include iron ion binding and oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen. An important paralog of this gene is CYP2C19.

Antigen:Synthesized peptide derived from the Internal region of human CYP2C8.

Form:

How to use:1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution:PBS (pH7.4) containing 1% BSA

Application:This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: