

**Anti-Human CYP4Z1/2 Polyclonal Antibody**

**Polyclonal Antibody**

**Cat.NO.: PA03427**

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3th Edition

**Description:**CYP4Z1 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 gene is part of a cluster of cytochrome P450 genes on chromosome 1p33. CYP4Z1 (Cytochrome P450 Family 4 Subfamily Z Member 1) is a Protein Coding gene. Among its related pathways are Cytochrome P450 - arranged by substrate type. 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 CYP4X1. CYP4Z2P (Cytochrome P450 Family 4 Subfamily Z Member 2, Pseudogene) is a Pseudogene. GO annotations related to this gene include iron ion binding and oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen.

**Antigen:**Synthesized peptide derived from the Internal region of human CYP4Z1/2.

**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:**Detected at low levels in mammary gland and mammary carcinoma.