

**Anti-Human/Mouse CYP2S1 Polyclonal Antibody**

**Polyclonal Antibody**

**Cat.NO.: PA03404**

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3th Edition

**Description:** 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. In rodents, the homologous protein has been shown to metabolize certain carcinogens; however, the specific function of the human protein has not been determined. CYP2S1 (Cytochrome P450 Family 2 Subfamily S Member 1) is a Protein Coding gene. Among its related pathways are Cytochrome P450 - arranged by substrate type and nicotine degradation IV. 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 CYP2B6.

**Antigen:** Synthesized peptide derived from the Internal region of human CYP2S1

**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:** High level of expression in trachea, lung, stomach, small intestine, and spleen.