

**Anti-Human/Monkey CYP4X1 Polyclonal Antibody**

**Polyclonal Antibody**

**Cat.NO.: PA03425**

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3th Edition

**Description:** This gene encodes a member of the cytochrome P450 superfamily of enzymes and is located within a cluster of genes belonging to this superfamily on chromosome 1. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. The expression pattern of a similar rat protein suggests that this protein may be involved in neurovascular function in the brain. Alternative splicing results in multiple transcript variants.

**Antigen:** Synthesized peptide derived from the Internal region of human CYP4X1

**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:** Expressed in brain, heart and kidney and, at lower levels, in skeletal muscle and liver. In the heart, very high level levels in aorta, but very levels in other heart regions.