

**Anti-Human CYP24A1 Polyclonal Antibody**

**Polyclonal Antibody**

**Cat.NO.: PA03371**

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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 mitochondrial protein initiates the degradation of 1,25-dihydroxyvitamin D<sub>3</sub>, the physiologically active form of vitamin D<sub>3</sub>, by hydroxylation of the side chain. In regulating the level of vitamin D<sub>3</sub>, this enzyme plays a role in calcium homeostasis and the vitamin D endocrine system. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

**Antigen:** Synthesized peptide derived from the C-terminal region of human CYP24A1

**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:**