

**Anti-Human/Mouse/Rat CYP26B1 Polyclonal Antibody**

**Polyclonal Antibody**

**Cat.NO.: PA04539**

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3th Edition

**Description:**CYP26B1 (Cytochrome P450 Family 26 Subfamily B Member 1) is a Protein Coding gene. Diseases associated with CYP26B1 include Craniosynostosis With Radiohumeral Fusions And Other Skeletal And Craniofacial Anomalies and Occipital Encephalocele. Among its related pathways are Signaling by Retinoic Acid and 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 CYP26C1.This gene encodes a member of the cytochrome P450 superfamily. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. The encoded protein is localized to the endoplasmic reticulum, and functions as a critical regulator of all-trans retinoic acid levels by the specific inactivation of all-trans retinoic acid to hydroxylated forms. Mutations in this gene are associated with radiohumeral fusions and other skeletal and craniofacial anomalies, and increased levels of the encoded protein are associated with atherosclerotic lesions. Alternative splicing results in multiple transcript variants.

**Antigen:**Synthetic peptide from human protein

**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:**Highly expressed in brain, particularly in the cerebellum and pons.