

CYP26B1 Polyclonal Antibody

Description

Product type Primary Antibody

Code BT-AP02389

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen Synthetic peptide from human protein at AA range: 391-440

Mol wt 57513

Species reactivity Human, Mouse, Rat

Clonality Polyclonal

Recommended application WB, ELISA

Concentration 1 mg/ml

Full name CYP26B1 Antibody

Synonyms CYP26B1 CYP26A2 P450RAI2

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

CYP26B1 (cytochrome P450 family 26 subfamily B member 1) 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 CYP26B1 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.

Recommended Dilution

WB: 1: 500 - 2000

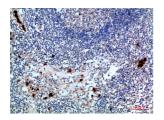
ELISA: 1: 10000 - 20000

Not yet tested in other applications.

Images

100-100-70-75-40-35-25Western Blot analysis of mouse-brain cells using Antibody diluted at 800. Secondary antibody was

diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-lymph, antibody was diluted at 1:200

Storage

-20°C for one year

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