

CYP26B1 polyclonal antibody

Catalog # PAB7139

Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

CYP26B1 polyclonal antibody (Cat # PAB7139) (4 ug/mL) staining of paraffin embedded human cerebellum. Steamed antigen retrieval with Tris/EDTA buffer pH 9, HRP-staining.

Specification

Product Description Goat polyclonal antibody raised against synthetic peptide of CYP26B1.

Immunogen A synthetic peptide corresponding to human CYP26B1.

Sequence C-SQARSEDKDGRFH

Host Goat

Theoretical MW (kDa) 57.5

Form Liquid

Purification Antigen affinity purification

Concentration 0.5 mg/mL

Quality Control Testing Antibody Reactive Against Synthetic Peptide.

Recommend Usage ELISA (1:128000)
The optimal working dilution should be determined by the end user.

Storage Buffer In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)

Storage Instruction

Store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — CYP26B1

Entrez GeneID[56603](#)**Protein Accession#**[NP_063938.1](#)**Gene Name**

CYP26B1

Gene Alias

CYP26A2, DKFZp686G0638, MGC129613, P450RAI-2

Gene Description

cytochrome P450, family 26, subfamily B, polypeptide 1

Omim ID[605207](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases that catalyze many reactions involved in drug metabolism and the synthesis of cholesterol, steroids and other lipids. The enzyme encoded by this gene is involved in the specific inactivation of all-trans-retinoic acid to hydroxylated forms, such as 4-oxo-, 4-OH-, and 18-OH-all-trans-retinoic acid. [provided by RefSeq]

Other Designations

cytochrome P450 retinoid metabolizing protein|cytochrome P450, family 26, subfamily b, polypeptide 1|retinoic acid-metabolizing cytochrome

Publication Reference

- [Retinoid signaling determines germ cell fate in mice.](#)

Bowles J, Knight D, Smith C, Wilhelm D, Richman J, Mamiya S, Yashiro K, Chawengsaksophak K, Wilson MJ, Rossant J, Hamada H, Koopman P.

Science 2006 Apr; 312(5773):596.

Pathway

- [Retinol metabolism](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Kidney Diseases](#)
- [Meningomyelocele](#)
- [Schizophrenia](#)
- [Spinal Dysraphism](#)
- [Vitamin A Deficiency](#)