

产品名称: CYP26B1 Rabbit Polyclonal Antibody  
产品货号: APRab09639



## 产品概述 (Summary)

|                        |                                    |
|------------------------|------------------------------------|
| 产品名称 (Production Name) | CYP26B1 Rabbit Polyclonal Antibody |
| 描述 (Description)       | Rabbit polyclonal Antibody         |
| 宿主 (Host)              | Rabbit                             |
| 应用 (Application)       | WB,ELISA                           |
| 种属反应性 (Reactivity)     | Human,Mouse,Rat                    |

## 产品性能 (Performance)

|                     |                                                                                                   |
|---------------------|---------------------------------------------------------------------------------------------------|
| 偶联物 (Conjugation)   | Unconjugated                                                                                      |
| 修饰 (Modification)   | Unmodified                                                                                        |
| 同种型 (Isotype)       | IgG                                                                                               |
| 克隆 (Clonality)      | Polyclonal                                                                                        |
| 形式 (Form)           | Liquid                                                                                            |
| 存放说明 (Storage)      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.          |
| 储存溶液 (Buffer)       | Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N. |
| 纯化方式 (Purification) | Affinity purification                                                                             |

## 免疫原信息 (Immunogen)

|                        |                                                                  |
|------------------------|------------------------------------------------------------------|
| 基因名 (Gene Name)        | CYP26B1 CYP26A2 P450RAI2                                         |
| 别名 (Alternative Names) | CYP26B1 CYP26A2 P450RAI2                                         |
| 基因 ID (Gene ID)        | 56603.0                                                          |
| 蛋白 ID (SwissProt ID)   | Q9NR63.Synthetic peptide from human protein at AA range: 391-440 |

## 产品应用 (Application)

|                          |                                       |
|--------------------------|---------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:500-1:2000,ELISA 1:10000-1:20000 |
| 蛋白分子量 (Molecular Weight) | 60kDa                                 |

## 研究背景 (Background)

cytochrome P450 family 26 subfamily B member 1(CYP26B1) Homo sapiens This gene encodes a member of the

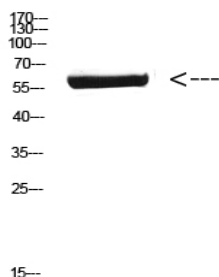
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cytochrome P450 superfamily. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. The encoded protein is localized to the endoplasmic reticulum, 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. [provided by RefSeq, Apr 2013], cofactor: Heme group., enzyme regulation: Has a preferred activity toward the following substrates: all-trans-RA > 9-cis-RA > 13-cis-RA., function: Plays a key role in retinoic acid metabolism. Involved in the specific inactivation of all-trans-retinoic acid (RA). Responsible for generation of several hydroxylated forms of RA, including 4-OH-RA, 4-oxo-RA, and 18-OH-RA., induction: By retinoic acid., similarity: Belongs to the cytochrome P450 family., tissue specificity: Highly expressed in brain, particularly in the cerebellum and pons.,

## 研究领域 (Research Area)

Retinol metabolism;

## 图片 (Image Data)



Western Blot analysis of mouse-brain cells using Antibody diluted at 800. Secondary antibody was diluted at 1:20000

## 注意事项 (Note)

For research use only .