



CYP26A1 rabbit pAb

Cat No.:ES2095

For research use only

Overview

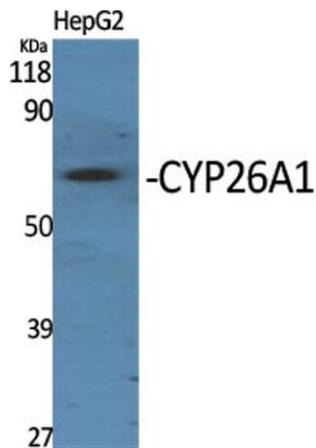
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|---------------------------------|--|
| Product Name | CYP26A1 rabbit pAb |
| Host species | Rabbit |
| Applications | WB;IF;ELISA |
| Species Cross-Reactivity | Human;Mouse;Rat |
| Recommended dilutions | Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications. |
| Immunogen | The antiserum was produced against synthesized peptide derived from human Cytochrome P450 26A1. AA range:251-300 |
| Specificity | CYP26A1 Polyclonal Antibody detects endogenous levels of CYP26A1 protein. |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Storage | Store at -20°C. Avoid repeated freeze-thaw cycles. |
| Protein Name | Cytochrome P450 26A1 |
| Gene Name | CYP26A1 |
| Cellular localization | Endoplasmic reticulum membrane ; Peripheral membrane protein. Microsome membrane ; Peripheral membrane protein. |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Clonality | Polyclonal |
| Concentration | 1 mg/ml |
| Observed band | 56kD |
| Human Gene ID | 1592 |
| Human Swiss-Prot Number | O43174 |
| Alternative Names | CYP26A1; CYP26; P450RAI1; Cytochrome P450 26A1; Cytochrome P450 retinoic acid-inactivating 1; Cytochrome P450RAI; hP450RAI; Retinoic acid 4-hydroxylase; Retinoic acid-metabolizing cytochrome |



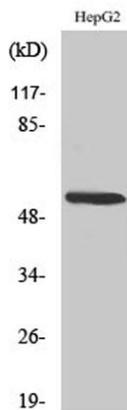


Background

cytochrome P450 family 26 subfamily A member 1(CYP26A1) Homo sapiens 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 endoplasmic reticulum protein acts on retinoids, including all-trans-retinoic acid (RA), with both 4-hydroxylation and 18-hydroxylation activities. This enzyme regulates the cellular level of retinoic acid which is involved in regulation of gene expression in both embryonic and adult tissues. Two alternatively spliced transcript variants of this gene, which encode the distinct isoforms, have been reported. [provided by RefSeq, Jul 2008],



Western Blot analysis of various cells using CYP26A1
Polyclonal Antibody diluted at 1:1000

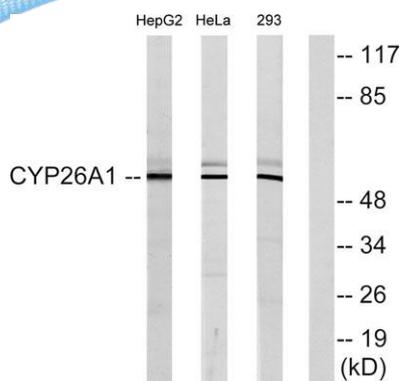


Western Blot analysis of 293 cells using CYP26A1
Polyclonal Antibody diluted at 1:1000





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Western blot analysis of lysates from HepG2, HeLa, and 293 cells, using Cytochrome P450 26A1 Antibody. The lane on the right is blocked with the synthesized peptide.



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