

产品名称: CYP26A1 Rabbit Polyclonal Antibody
产品货号: APRab09638



产品概述 (Summary)

产品名称 (Production Name)	CYP26A1 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,ICC/IF,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)	CYP26A1 CYP26A1; CYP26; P450RAI1; Cytochrome P450 26A1; Cytochrome P450
别名 (Alternative Names)	retinoic acid-inactivating 1; Cytochrome P450RAI; hP450RAI; Retinoic acid 4-hydroxylase; Retinoic acid-metabolizing cytochrome
基因 ID (Gene ID)	1592.0
蛋白 ID (SwissProt ID)	O43174.The antiserum was produced against synthesized peptide derived from human Cytochrome P450 26A1. AA range:251-300

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ICC/IF 1:200-1:1000,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	56kDa

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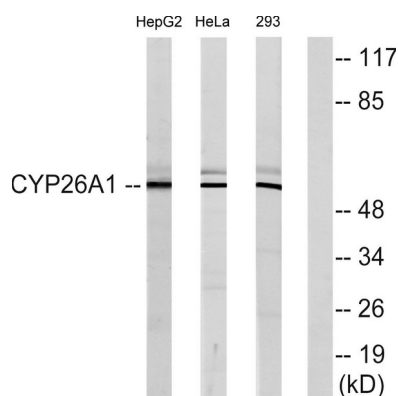
研究背景 (Background)

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], cofactor: Heme group., function: Plays a key role in retinoic acid metabolism. Acts on retinoids, including all-trans-retinoic acid (RA) and its stereoisomer 9-cis-RA. Capable of both 4-hydroxylation and 18-hydroxylation. 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: Highest levels in adult liver, heart, pituitary gland, adrenal gland, placenta and regions of the brain.,

研究领域 (Research Area)

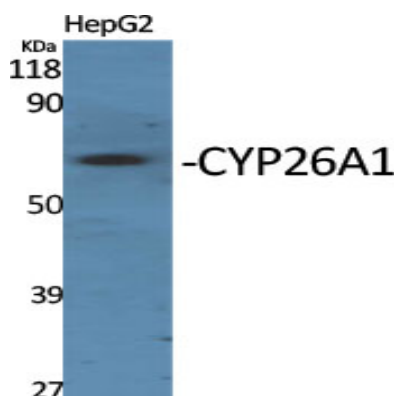
Retinol metabolism;

图片 (Image Data)

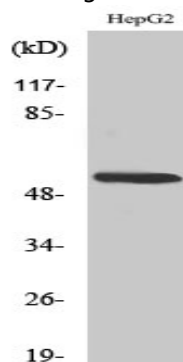


Western blot analysis of lysates from HepG2, HeLa, and 293 cells, using Cytochrome P450 26A1 Antibody. The lane on the right is blocked with the synthesized peptide.

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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

注意事项 (Note)

For research use only .