

产品名称: CYP4B1 Rabbit Polyclonal Antibody
产品货号: APRab09670



产品概述 (Summary)

产品名称 (Production Name)	CYP4B1 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Rat,Mouse

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)	CYP4B1
别名 (Alternative Names)	CYP4B1; Cytochrome P450 4B1; CYP4B1; Cytochrome P450-HP
基因 ID (Gene ID)	1580.0
蛋白 ID (SwissProt ID)	P13584.The antiserum was produced against synthesized peptide derived from human Cytochrome P450 4B1. AA range:141-190

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:20000-1:40000
蛋白分子量 (Molecular Weight)	50kDa

研究背景 (Background)

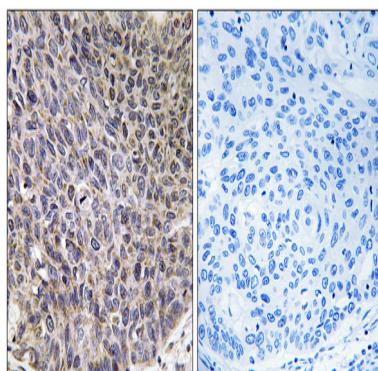
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This gene encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. This protein localizes to the endoplasmic reticulum. In rodents, the homologous protein has been shown to metabolize certain carcinogens; however, the specific function of the human protein has not been determined. Multiple transcript variants have been found for this gene. [provided by RefSeq, Jan 2016], catalytic activity: $\text{RH} + \text{reduced flavoprotein} + \text{O}_2 = \text{ROH} + \text{oxidized flavoprotein} + \text{H}_2\text{O}$, cofactor: Heme group, function: Cytochromes P450 are a group of heme-thiolate monooxygenases. In liver microsomes, this enzyme is involved in an NADPH-dependent electron transport pathway. It oxidizes a variety of structurally unrelated compounds, including steroids, fatty acids, and xenobiotics, induction: P450 can be induced to high levels in liver and other tissues by various foreign compounds, including drugs, pesticides, and carcinogens, online information: CYP4B1 alleles, similarity: Belongs to the cytochrome P450 family,.

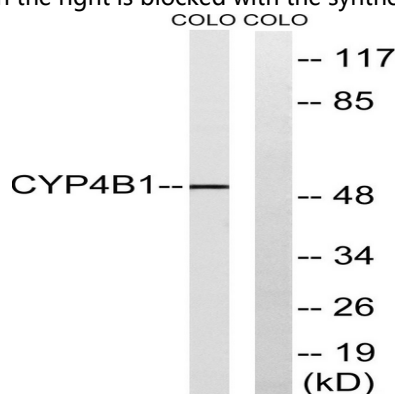
研究领域 (Research Area)

图片 (Image Data)



Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using Cytochrome P450 4B1 Antibody.

The picture on the right is blocked with the synthesized peptide.

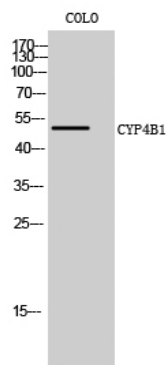


Western blot analysis of lysates from COLO cells, using Cytochrome P450 4B1 Antibody. The lane on the right is blocked with the synthesized peptide.

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the synthesized peptide.



Western Blot analysis of COLO cells using CYP4B1 Polyclonal Antibody

注意事项 (Note)

For research use only .