

产品名称: CYP2E1 Rabbit Polyclonal Antibody
产品货号: APRab09657



产品概述 (Summary)

产品名称 (Production Name)	CYP2E1 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,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)	CYP2E1
别名 (Alternative Names)	CYP2E1; CYP2E; Cytochrome P450 2E1; 4-nitrophenol 2-hydroxylase; CYP11E1; Cytochrome P450-J
基因 ID (Gene ID)	1571.0
蛋白 ID (SwissProt ID)	P05181.The antiserum was produced against synthesized peptide derived from human Cytochrome P450 2E1. AA range:371-420

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:5000-1:10000
蛋白分子量 (Molecular Weight)	56kDa

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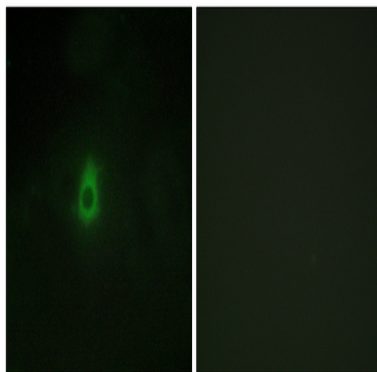
研究背景 (Background)

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 and is induced by ethanol, the diabetic state, and starvation. The enzyme metabolizes both endogenous substrates, such as ethanol, acetone, and acetal, as well as exogenous substrates including benzene, carbon tetrachloride, ethylene glycol, and nitrosamines which are premutagens found in cigarette smoke. Due to its many substrates, this enzyme may be involved in such varied processes as gluconeogenesis, hepatic cirrhosis, diabetes, and cancer. [provided by RefSeq, Jul 2008], catalytic activity: 4-nitrophenol + NADPH + O(2) = 4-nitrocatechol + NADP(+) + H(2)O., cofactor: Heme group., function: Metabolizes several precarcinogens, drugs, and solvents to reactive metabolites. Inactivates a number of drugs and xenobiotics and also bioactivates many xenobiotic substrates to their hepatotoxic or carcinogenic forms., induction: By ethanol and isoniazid., online information: CYP2E1 alleles, online information: CYP2E1 entry, similarity: Belongs to the cytochrome P450 family.,

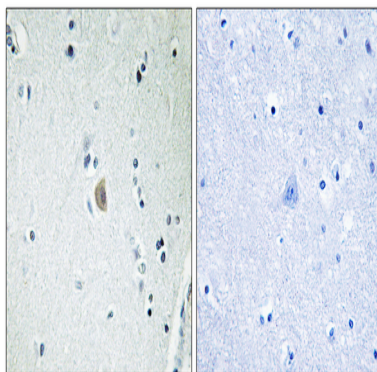
研究领域 (Research Area)

Arachidonic acid metabolism; Linoleic acid metabolism; Metabolism of xenobiotics by cytochrome P450; Drug metabolism;

图片 (Image Data)



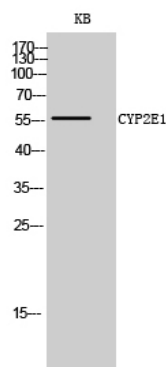
Immunofluorescence analysis of HepG2 cells, using Cytochrome P450 2E1 Antibody. The picture on the right is blocked with the synthesized peptide.



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Immunohistochemistry analysis of paraffin-embedded human brain tissue, using Cytochrome P450 2E1 Antibody. The picture on the right is blocked with the synthesized peptide.



Western Blot analysis of KB cells using CYP2E1 Polyclonal Antibody diluted at 1: 500

注意事项 (Note)

For research use only .