

产品名称: CYP2A7 Rabbit Polyclonal Antibody
产品货号: APRab09649



产品概述 (Summary)

产品名称 (Production Name)	CYP2A7 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)	CYP2A7
别名 (Alternative Names)	CYP2A7; Cytochrome P450 2A7; CYP11A7; Cytochrome P450 11A4
基因 ID (Gene ID)	1549.0
蛋白 ID (SwissProt ID)	P20853.Synthesized peptide derived from the C-terminal region of human CYP2A7.

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)	56kDa

研究背景 (Background)

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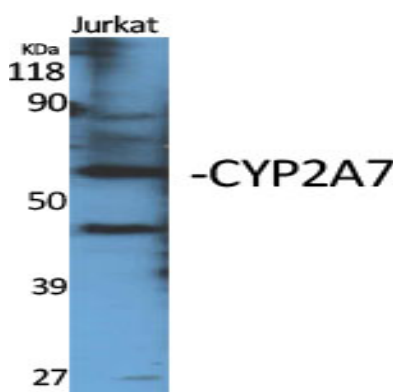


This gene encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. This protein localizes to the endoplasmic reticulum; its substrate has not yet been determined. This gene, which produces two transcript variants, is part of a large cluster of cytochrome P450 genes from the CYP2A, CYP2B and CYP2F subfamilies on chromosome 19q. [provided by RefSeq, Jul 2008], catalytic activity: $\text{RH} + \text{reduced flavoprotein} + \text{O}_2 = \text{ROH} + \text{oxidized flavoprotein} + \text{H}_2\text{O}$, caution: The sequence shown here is derived from an Ensembl automatic analysis pipeline and should be considered as preliminary data., 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., similarity: Belongs to the cytochrome P450 family.,

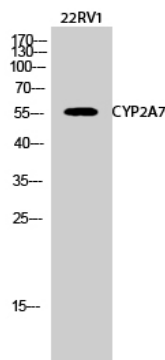
研究领域 (Research Area)

Caffeine metabolism; Retinol metabolism; Drug metabolism; Drug metabolism;

图片 (Image Data)



Western Blot analysis of various cells using CYP2A7 Polyclonal Antibody diluted at 1: 2000



Western Blot analysis of 22RV1 cells using CYP2A7 Polyclonal Antibody diluted at 1: 2000

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注意事项 (Note)

For research use only .