

产品名称: CYP2U1 Rabbit Polyclonal Antibody
产品货号: APRab09661



产品概述 (Summary)

产品名称 (Production Name)	CYP2U1 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)	CYP2U1
别名 (Alternative Names)	CYP2U1; Cytochrome P450 2U1
基因 ID (Gene ID)	113612.0
蛋白 ID (SwissProt ID)	Q7Z449.The antiserum was produced against synthesized peptide derived from human Cytochrome P450 2U1. AA range:281-330

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 1:10000-1:20000
蛋白分子量 (Molecular Weight)	61kDa

研究背景 (Background)

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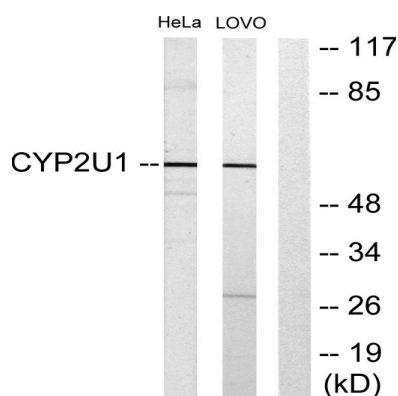


This gene encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. This enzyme is a hydroxylase that metabolizes arachidonic acid, docosahexaenoic acid, and other long chain fatty acids. [provided by RefSeq, Jul 2008],catalytic activity:RH + reduced flavoprotein + O(2) = ROH + oxidized flavoprotein + H(2)O.,cofactor:Heme group.,developmental stage:Expressed in fetal thymus.,function:Catalyzes the hydroxylation of arachidonic acid, docosahexaenoic acid and other long chain fatty acids. May modulate the arachidonic acid signaling pathway and play a role in other fatty acid signaling processes.,similarity:Belongs to the cytochrome P450 family.,tissue specificity:Widely expressed with stronger expression in thymus, heart and cerebellum.,

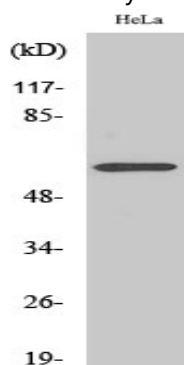
研究领域 (Research Area)

Arachidonic acid metabolism;

图片 (Image Data)



Western blot analysis of lysates from HeLa and Lovo cells, using Cytochrome P450 2U1 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using CYP2U1 Polyclonal Antibody

注意事项 (Note)

For research use only .

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