

产品名称: CYP2J2 Rabbit Polyclonal Antibody
产品货号: APRab09658



产品概述 (Summary)

产品名称 (Production Name)	CYP2J2 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,Monkey

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)	CYP2J2
别名 (Alternative Names)	CYP2J2; Cytochrome P450 2J2; Arachidonic acid epoxigenase; CYP11J2
基因 ID (Gene ID)	1573.0
蛋白 ID (SwissProt ID)	P51589.The antiserum was produced against synthesized peptide derived from human Cytochrome P450 2J2. AA range:231-280

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 1:5000-1:20000
蛋白分子量 (Molecular Weight)	58kDa

研究背景 (Background)

产品名称: CYP2J2 Rabbit Polyclonal Antibody
产品货号: APRab09658

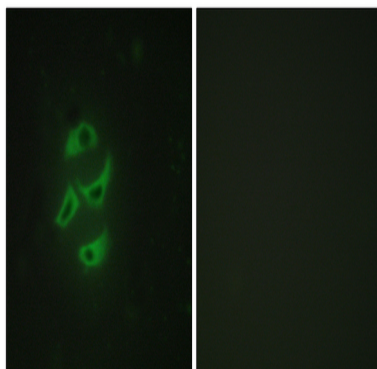


This gene encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. This protein localizes to the endoplasmic reticulum and is thought to be the predominant enzyme responsible for epoxidation of endogenous arachidonic acid in cardiac tissue. 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: This enzyme metabolizes arachidonic acid predominantly via a NADPH-dependent olefin epoxidation to all four regioisomeric cis-epoxyeicosatrienoic acids. One of the predominant enzymes responsible for the epoxidation of endogenous cardiac arachidonic acid pools, online information: CYP2J2 alleles, similarity: Belongs to the cytochrome P450 family, tissue specificity: Highly expressed in heart, present at lower levels in liver, ileum, jejunum, colon, and kidney,.

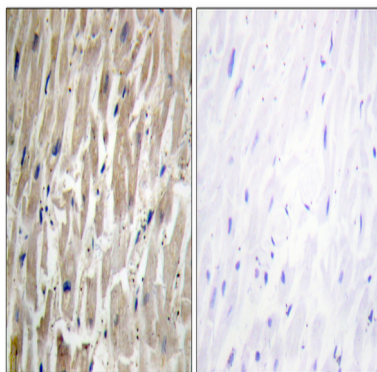
研究领域 (Research Area)

Arachidonic acid metabolism; Linoleic acid metabolism;

图片 (Image Data)

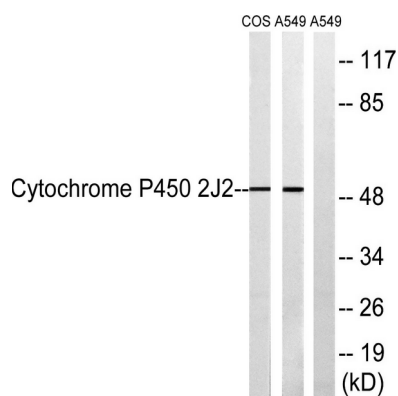


Immunofluorescence analysis of HepG2 cells, using Cytochrome P450 2J2 Antibody. The picture on the right is blocked with the synthesized peptide.

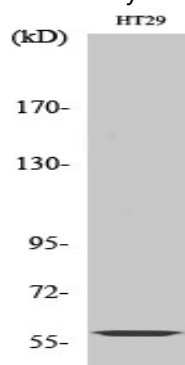


Immunohistochemistry analysis of paraffin-embedded human heart tissue, using Cytochrome P450 2J2 Antibody. The picture on the right is blocked with the synthesized peptide.

产品名称: CYP2J2 Rabbit Polyclonal Antibody
产品货号: AP Rab09658



Western blot analysis of lysates from A549 and COS7 cells, using Cytochrome P450 2J2 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using CYP2J2 Polyclonal Antibody

注意事项 (Note)

For research use only .