

产品名称: CYP3A43 Rabbit Polyclonal Antibody
产品货号: APRab09667



产品概述 (Summary)

产品名称 (Production Name)	CYP3A43 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)	CYP3A43
别名 (Alternative Names)	CYP3A43; Cytochrome P450 3A43
基因 ID (Gene ID)	64816.0
蛋白 ID (SwissProt ID)	Q9HB55.The antiserum was produced against synthesized peptide derived from human Cytochrome P450 3A43. 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 1:50-1:200,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	57kDa

研究背景 (Background)

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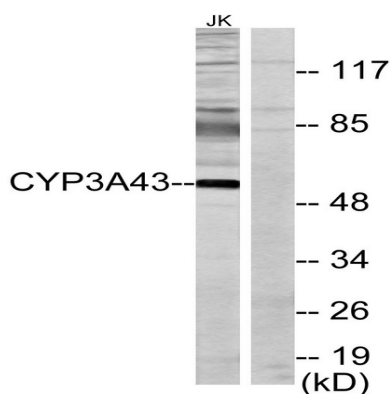


cytochrome P450 family 3 subfamily A member 43(CYP3A43) Homo sapiens This gene encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. The encoded protein has a low level of testosterone hydroxylase activity, and may play a role in aging mechanisms and cancer progression. This gene is part of a cluster of cytochrome P450 genes on chromosome 7q21.1. Alternate splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2013],alternative products:Additional isoforms seem to exist,catalytic activity:RH + reduced flavoprotein + O(2) = ROH + oxidized flavoprotein + H(2)O.,cofactor:Heme group.,function:Exhibits low testosterone 6-beta-hydroxylase activity.,induction:By rifampicin.,online information:CYP3A43 alleles,polymorphism:At protein level, three alleles are known: CYP3A43*1, CYP3A43*2 and CYP3A43*3. The sequence shown is that of CYP3A43*1, which is the most frequent allele. The allele CYP3A43*2 is likely to be non-functional.,similarity:Belongs to the cytochrome P450 family.,tissue specificity:Highest expression level in prostate. Also expressed in liver, kidney, pancreas, fetal liver and fetal skeletal muscle.,

研究领域 (Research Area)

Steroid hormone biosynthesis;Linoleic acid metabolism;Retinol metabolism;Metabolism of xenobiotics by cytochrome P450;Drug metabolism;Drug metabolism;

图片 (Image Data)



Western blot analysis of lysates from Jurkat cells, using Cytochrome P450 3A43 Antibody. The lane on the right is blocked with the synthesized peptide.

注意事项 (Note)

For research use only .