

Recombinant Human AKR1C4 protein ab172176

1 图像

描述

产品名称	重组人AKR1C4蛋白	
纯度	> 95 % SDS-PAGE.	
内毒素水平	< 0.100 Eu/μg	
表达系统	Escherichia coli	
Accession	P17516	
蛋白长度	Full length protein	
无动物成分	No	
性质	Recombinant	
种属	Human	
序列		MGSSHHHHHHSSGLVPRGSHMDPKYQRVELNDGHFMPVLGFG TYAPPEVP RNRAVEVTKLAIEAG FRHIDSAYLYNNEEQVGLAIRSKIADGSVKREDIFYTSKLWC TFFQPQMV QPALESSLKKLQLDY VDLYLLHFPMALKPGETPLPKDENGKVI FDTVDLSATWEVME KCKDAGLA KSIGVSNFNRYRQLEM ILNKPGLKYKPV CNQVECHPYLNQSKLLDFCKSKDIVLVAHS ALGTQRHK LWVDPNSPVLLEDPV LCALAKKHKRTPALIALRYQLQRGVVVLAKSYNEQRIRENIQ VFEFQLTS EDMKVLDGLNRNYRY VVMDFLMDHPDYPFSDEY
预测分子量	39 kDa including tags	
氨基酸	1 to 323	
标签	His tag N-Terminus	

技术指标

Our **Abpromise guarantee** covers the use of **ab172176** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	SDS-PAGE
形式	Liquid

补充说明

Previously labelled as HSD3a.

制备和贮存

稳定性和存储

Shipped on Dry Ice. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.24% Tris, 0.88% Sodium chloride

Supplied as a 0.2 µM filtered solution

常规信息

功能

Catalyzes the transformation of the potent androgen dihydrotestosterone (DHT) into the less active form, 5-alpha-androstan-3-alpha,17-beta-diol (3-alpha-diol). Also has some 20-alpha-hydroxysteroid dehydrogenase activity. The biotransformation of the pesticide chlordecone (kepone) to its corresponding alcohol leads to increased biliary excretion of the pesticide and concomitant reduction of its neurotoxicity since bile is the major excretory route.

组织特异性

Liver specific.

序列相似性

Belongs to the aldo/keto reductase family.

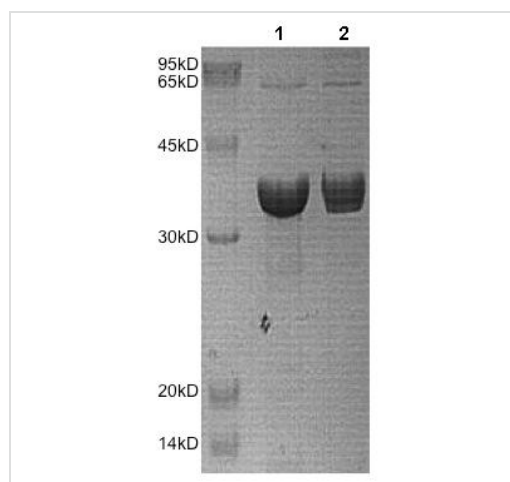
翻译后修饰

The N-terminus is blocked.

细胞定位

Cytoplasm.

图片



SDS-PAGE gel of ab172176 under reduced (lane 1) and non reduced (lane 2) conditions

SDS-PAGE - Recombinant Human AKR1C4 protein
(ab172176)

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