

Recombinant human AKR1C4 protein ab109831

1 图像

描述	
产品名称	重组人AKR1C4蛋白
生物活性	Specific activity is > 700 pmol/min/μg, and is defined as the amount of enzyme that catalyzes the reduction of 1.0 pmole 3-chlorobenzaldehyde in the presence of NADP per minute at pH 8.8 at 25°C.
纯度	> 90 % SDS-PAGE. ab109831 was purified using conventional chromatography.
表达系统	Escherichia coli
Accession	<b>P17516</b>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	MGSSHHHHHHSSGLVPRGSHMDPKYQRVELNDGHFMPVLGFG TYAPPEVP RNRAVEVTKLAIEAGFRHIDSAYLYNNEEQVGLAIRSKIADG SVKREDIF YTSKLWCTFFQPQMVQPALESSLKKQLDYVDLYLLHFPMAL KPGETPLP KDENGKVI FDTV DLSATWEVMEKCKDAGLAKSIGVSNFNCRQ LEMILNKP GLKYKPVCNQVECHPYLNQSKLLDFCKSKDIVLVAHSALGTQ RHKLWVDP NSPVLLEDPVLCALAKKHKRTPALIALRYQLQRGVVVLAKSY NEQRIREN IQVFEFQLTSEDMKVL DGLNRNYRYVVMDFLMDHPDY PFSDE Y
预测分子量	39 kDa including tags
氨基酸	1 to 343
标签	His tag N-Terminus
技术指标	

Our **Abpromise guarantee** covers the use of **ab109831** in the following tested applications.

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

应用	Functional Studies
	SDS-PAGE
	Mass Spectrometry
质谱法	MALDI-TOF
形式	Liquid
补充说明	Previously labelled as HSD3a.

## 制备和贮存

稳定性和存储	<p>Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.</p> <p>pH: 8.00</p> <p>Constituents: 0.02% DTT, 0.32% Tris HCl, 20% Glycerol (glycerin, glycerine), 0.58% Sodium chloride</p> <p>This product is an active protein and may elicit a biological response in vivo, handle with caution.</p>
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## 常规信息

功能	<p>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 chlordane (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.</p>
组织特异性	<p>Liver specific.</p>
序列相似性	<p>Belongs to the aldo/keto reductase family.</p>
翻译后修饰	<p>The N-terminus is blocked.</p>
细胞定位	<p>Cytoplasm.</p>

## 图片



15% SDS-PAGE image, using ab109831 at 3ug

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.cn/abpromise> or contact our technical team.

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