

Recombinant Human HSD11B1 protein ab114301

1 图像

描述	
产品名称	重组人HSD11B1蛋白
表达系统	Wheat germ
Accession	<u>P28845</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	MAFMKKYLLPILGLFMAYYYYSANEEFRPEMLQGKKVIVTGA SKGIGREM AYHLAKMGAHVVVVTARSKETLQKVVSHCLELGAASAHYIAGT MEDMTFAE QFVAQAGKLMGGLDMLILNHITNTSLNLFHDDIHHVRKSMEV NFLSYVVL TVAALPMLKQSGSIVVVSSLAGKVAYPMVAAYSASKFALDG FFSSIRKE YSVSRVNVSITLCVLGLIDTETAMKAVSGIVHMQAAPKEECA LEIIKGGA LRQEEVYYDSSLWTTLLIRNPCRKILEFLYSTSYNMDRFINK
预测分子量	58 kDa including tags
氨基酸	1 to 292
技术指标	
Our Abpromise guarantee covers the use of ab114301 in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
应用	Western blot ELISA SDS-PAGE
形式	Liquid
制备和贮存	

稳定性和存储

Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

pH: 8.00

Constituents: 0.3% Glutathione, 0.79% Tris HCl

常规信息

功能

Catalyzes reversibly the conversion of cortisol to the inactive metabolite cortisone. Catalyzes reversibly the conversion of 7-ketocholesterol to 7-beta-hydroxycholesterol. In intact cells, the reaction runs only in one direction, from 7-ketocholesterol to 7-beta-hydroxycholesterol.

组织特异性

Widely expressed. Highest expression in liver.

疾病相关

Defects in HSD11B1 are a cause of cortisone reductase deficiency (CRD) [MIM:604931]. In CRD, activation of cortisone to cortisol does not occur, resulting in adrenocorticotropin-mediated androgen excess and a phenotype resembling polycystic ovary syndrome (PCOS).

序列相似性

Belongs to the short-chain dehydrogenases/reductases (SDR) family.

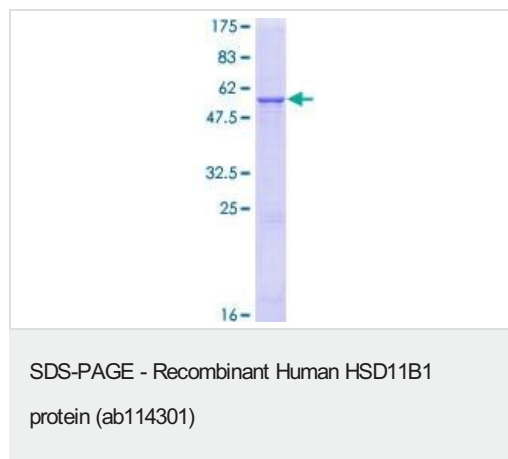
翻译后修饰

Glycosylated.

细胞定位

Endoplasmic reticulum membrane.

图片



12.5% SDS-PAGE image showing ab114301 Stained with Coomassie Blue.

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- 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.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors