

Recombinant Human HSD11B1 protein ab114301

画像数 1

製品の詳細

製品名	Recombinant Human HSD11B1 protein
発現系	Wheat germ
アクセッション番号	<u>P28845</u>
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	MAFMKKYLLPILGLFMAYYYYSANEEFRPEMLQGKKVIVTGA SKGIGREM AYHLAKMGAHVVTARSKETLQKVVSHCLELGAASAHYIAGT MEDMTFAE QFVAQAGKLMGGLDMLILNHITNTSLNLFHDDIHHVRKSMEV NFLSYVVL TVAALPMLKQSNQSI VVVSSLAGKVAYPMVAAYSASKFALDG FFSSIRKE YSVSRVNV SITLCVLGLIDTETAMKAVSGIVHMQAAPKEECA LEIIKGGA LRQEEVYYDSSLWTTLLIRNPCRKILEFLYSTSYNMDRFINK
予測される分子量	58 kDa including tags
領域	1 to 292

特性

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.

アプリケーション	Western blot
	ELISA
	SDS-PAGE
製品の状態	Liquid

前処理および保存

保存方法および安定性

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

関連情報

機能

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.

組織特異性

Widely expressed. Highest expression in liver.

関連疾患

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).

配列類似性

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

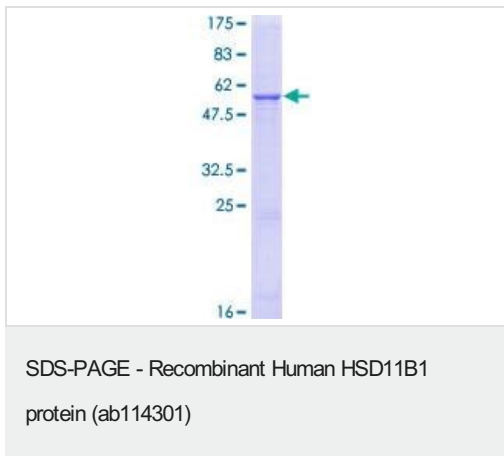
翻訳後修飾

Glycosylated.

細胞内局在

Endoplasmic reticulum membrane.

画像



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"

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