

## Product datasheet

# HSD11B1 peptide ab101097

### 概述

**产品名称** HSD11B1多肽

### 描述

**性质** Synthetic

### 技术指标

Our [Abpromise guarantee](#) covers the use of **ab101097** in the following tested applications.

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

**应用** Blocking - Blocking peptide for Anti-HSD11B1 antibody ([ab39364](#))

**形式** Liquid

### 制备和贮存

**稳定性和存储** Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

Preservative: 0.02% Sodium Azide

Constituents: .1% BSA, Tris buffered saline pH 7.4

### 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.

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