

## Product datasheet

# Anti-HSD3B1 antibody ab65156

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### 概述

产品名称	Anti-HSD3B1抗体
描述	兔多克隆抗体to HSD3B1
宿主	Rabbit
经测试应用	适用于: IHC-P, WB
种属反应性	与反应: Mouse 预测可用于: Rat
免疫原	Synthetic peptide (Mouse)

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
存储溶液	Preservative: None Constituents: Whole serum
纯度	Whole antiserum
克隆	多克隆
同种型	IgG

### 应用

Our [Abpromise guarantee](#) covers the use of **ab65156** in the following tested applications.

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

应用	Ab评论	说明
IHC-P		Use at an assay dependent concentration.
WB		1/1000 - 1/5000. Predicted molecular weight: 42 kDa.

## 靶标

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<b>功能</b>	3-beta-HSD is a bifunctional enzyme, that catalyzes the oxidative conversion of Delta(5)-ene-3-beta-hydroxy steroid, and the oxidative conversion of ketosteroids. The 3-beta-HSD enzymatic system plays a crucial role in the biosynthesis of all classes of hormonal steroids. Efficiently catalyzes the transformation of pregnenolone to progesterone, 17-alpha-hydroxypregnenolone to 17-alpha-hydroxyprogesterone, DHEA to 4-androstenedione, dihydrotestosterone to 5-alpha-androstane-3 beta,17 beta-diol, dehydroepiandrosterone to androstenedione and 5-alpha-androstan-3 beta,17 beta-diol to 5-alpha-dihydrotestosterone.
<b>组织特异性</b>	Placenta and skin. Predominantly expressed in mammary gland tissue.
<b>通路</b>	Lipid metabolism; steroid biosynthesis.
<b>序列相似性</b>	Belongs to the 3-beta-HSD family.
<b>细胞定位</b>	Endoplasmic reticulum membrane. Mitochondrion membrane.

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