


Product datasheet

Anti-HSD3B1 antibody ab65156

4 References

概述

产品名称	Anti-HSD3B1抗体
描述	兔多克隆抗体to HSD3B1
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

功能 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.

组织特异性

Placenta and skin. Predominantly expressed in mammary gland tissue.

通路

Lipid metabolism; steroid biosynthesis.

序列相似性

Belongs to the 3-beta-HSD family.

细胞定位

Endoplasmic reticulum membrane. Mitochondrion membrane.

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