

Anti-HSD3B1 antibody [EPR9687] ab167417

重组 RabMAb

4 References **3 图像**

概述

产品名称	Anti-HSD3B1抗体[EPR9687]
描述	兔单克隆抗体[EPR9687] to HSD3B1
宿主	Rabbit
特异性	The immunogen used for this product shares 83% homology and 6 continuous identical amino acids with HSD3B2(SwissProt: P26439). Cross-reactivity with this protein has not been confirmed experimentally.
经测试应用	适用于: WB, ICC/IF 不适用于: IHC-P or IP
种属反应性	与反应: Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	Human placenta cell lysate, Caco-2 cells.
常规说明	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents . Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.

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	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture

	supernatant
纯度	Tissue culture supernatant
克隆	单克隆
克隆编号	EPR9687
同种型	IgG

应用

The Abpromise guarantee **Abpromise™承诺保证使用ab167417于以下的经测试应用**

“应用说明”部分下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/1000 - 1/10000. Predicted molecular weight: 42 kDa.
ICC/IF		1/250 - 1/500.

应用说明 Is unsuitable for IHC-P or IP.

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.

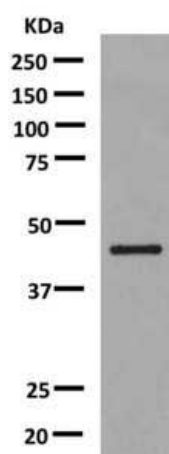
组织特异性	Placenta and skin. Predominantly expressed in mammary gland tissue.
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通路 Lipid metabolism; steroid biosynthesis.

序列相似性 Belongs to the 3-beta-HSD family.

细胞定位 Endoplasmic reticulum membrane. Mitochondrion membrane.

图片



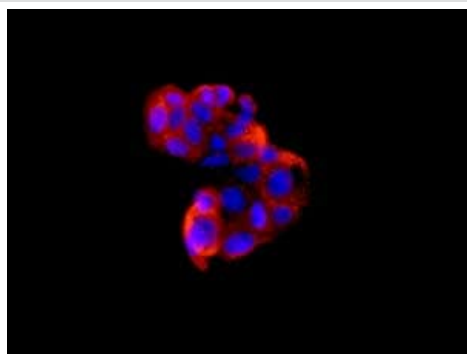
Western blot - Anti-HSD3B1 antibody [EPR9687] (ab167417)

Anti-HSD3B1 antibody [EPR9687] (ab167417) at 1/1000 dilution + Human placenta cell lysate at 10 μ g

Secondary

Goat anti-rabbit HRP antibody at 1/2000 dilution

Predicted band size: 42 kDa



Immunocytochemistry/ Immunofluorescence - Anti-HSD3B1 antibody [EPR9687] (ab167417)

Immunofluorescent analysis of Caco-2 cells labeling HSD3B1 with ab167417 at 1/250 dilution.

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-HSD3B1 antibody [EPR9687] (ab167417)

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

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