

Anti-StAR antibody [EP7639] ab133657

重组 RabMAb

★★★★★ 2 Abreviews 10 References 7 图像

概述

产品名称	Anti-StAR抗体[EP7639]
描述	兔单克隆抗体[EP7639] to StAR
宿主	Rabbit
经测试应用	适用于: WB, IHC-P 不适用于: IP
种属反应性	与反应: Human
免疫原	Synthetic peptide within Human StAR aa 250 to the C-terminus. The exact sequence is proprietary.
阳性对照	Human adrenal gland lysate; Human adrenal gland tissue.
常规说明	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"><li>- High batch-to-batch consistency and reproducibility</li><li>- Improved sensitivity and specificity</li><li>- Long-term security of supply</li><li>- Animal-free production</li></ul> <p>For more information <a href="#">see here</a>.</p> <p>Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a>.</p> <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
存储溶液	pH: 7.20 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	EP7639
同种型	IgG

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab133657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	★★★★★ (2)	1/10000 - 1/50000. Detects a band of approximately 30 kDa (predicted molecular weight: 32 kDa).
IHC-P		1/250 - 1/500. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

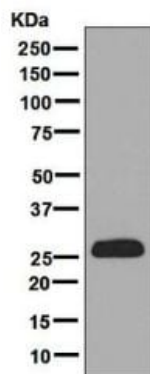
应用说明

Is unsuitable for IP.

靶标

功能	Plays a key role in steroid hormone synthesis by enhancing the metabolism of cholesterol into pregnenolone. Mediates the transfer of cholesterol from the outer mitochondrial membrane to the inner mitochondrial membrane where it is cleaved to pregnenolone.
组织特异性	Expressed in gonads, adrenal cortex and kidney.
通路	Steroid metabolism; cholesterol metabolism.
疾病相关	Defects in STAR are the cause of adrenal hyperplasia type 1 (AH1) [MIM:201710]. The most severe form of adrenal hyperplasia. It is a condition characterized by onset of profound adrenocortical insufficiency shortly after birth, hyperpigmentation reflecting increased production of pro-opiomelanocortin, elevated plasma renin activity as a consequence of reduced aldosterone synthesis, and male pseudohermaphroditism resulting from deficient fetal testicular testosterone synthesis. Affected individuals are phenotypic females irrespective of gonadal sex, and frequently die in infancy if mineralocorticoid and glucocorticoid replacement are not instituted.
序列相似性	Contains 1 START domain.
细胞定位	Mitochondrion.

图片



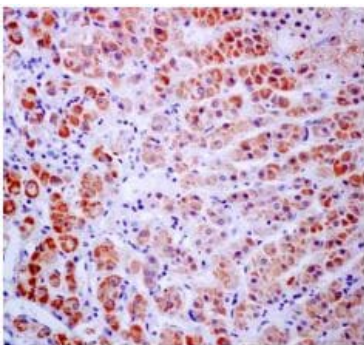
Western blot - Anti-StAR antibody [EP7639]  
(ab133657)

Anti-StAR antibody [EP7639] (ab133657) at 1/10000 dilution +  
Human adrenal gland lysate at 10 µg

### Secondary

HRP labelled goat anti-rabbit at 1/2000 dilution

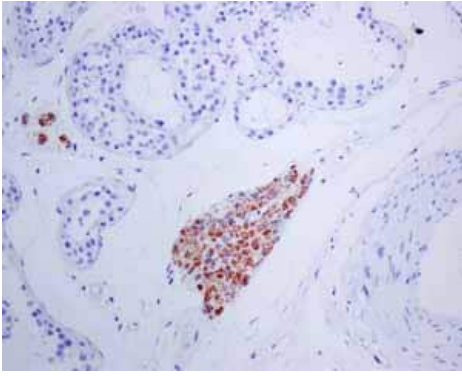
**Predicted band size:** 32 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-  
embedded sections) - Anti-StAR antibody [EP7639]  
(ab133657)

Immunohistochemical analysis of paraffin-embedded Human  
adrenal gland tissue labelling StAR with ab133657 at 1/250 dilution.

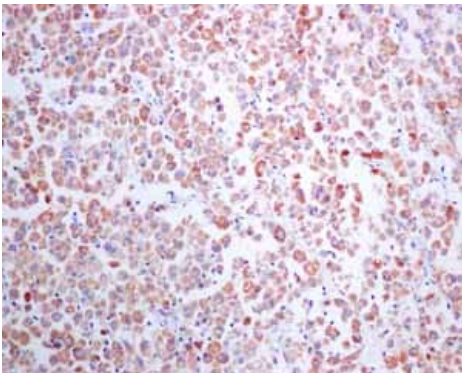
Perform heat mediated antigen retrieval before commencing with  
IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-StAR antibody [EP7639] (ab133657)

ab133657 showing positive staining in Normal testis tissue.

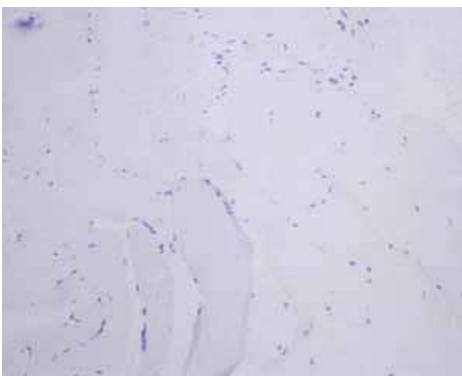
Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-StAR antibody [EP7639] (ab133657)

ab133657 showing positive staining in Adrenocortical carcinoma tissue.

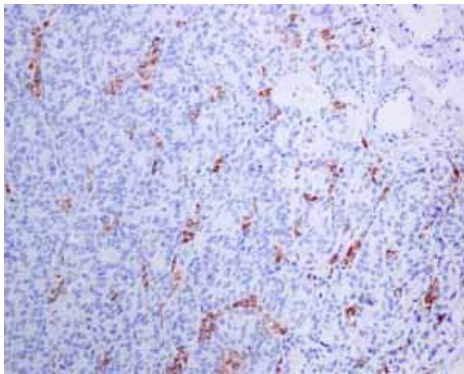
Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-StAR antibody [EP7639] (ab133657)

ab133657 showing negative staining in Skeletal muscle tissue.

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

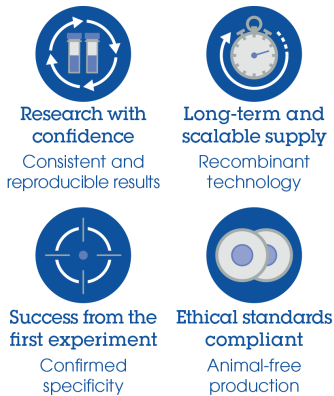


ab133657 showing positive staining in Sertoli-Leydig cell tumor tissue.

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-StAR antibody [EP7639] (ab133657)

Why choose a recombinant antibody?



Anti-StAR antibody [EP7639] (ab133657)

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