

Product datasheet

Anti-StAR antibody ab96637

★★★★★ 3 Abreviews 5 References 2 图像

概述

产品名称	Anti-StAR抗体
描述	兔多克隆抗体to StAR
宿主	Rabbit
经测试应用	适用于: WB
种属反应性	与反应: Mouse, Rat, Human 预测可用于: Cow, Dog, Pig
免疫原	Recombinant protein fragment corresponding to a region within amino acids 15 - 238 of Human StAR (NP_000340).
阳性对照	293T, A431, HeLa, HepG2, MOLT4 and Raji cell lysates

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	Preservative: 0.01% Thimerosal (merthiolate) Constituents: 20% Glycerol, 0.1M Tris, 0.1M Glycine, pH 7.0
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab96637** in the following tested applications.

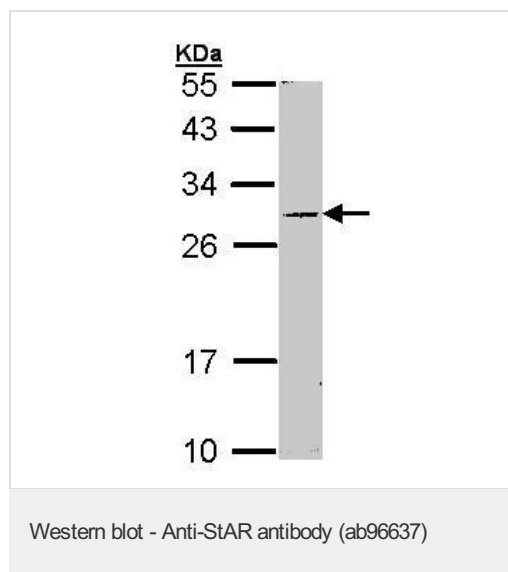
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
WB	★★★★★	1/500 - 1/3000. Predicted molecular weight: 32 kDa.

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.

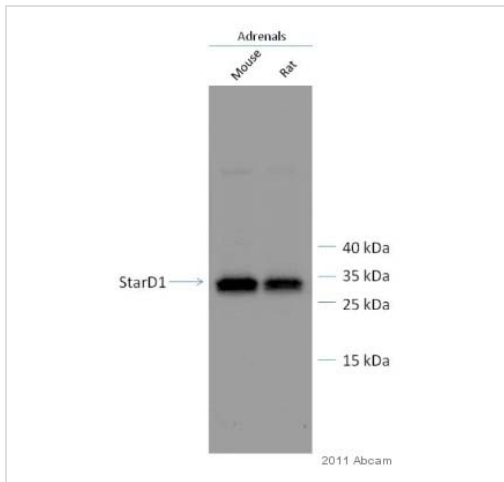
图片



Anti-StAR antibody (ab96637) at 1/1000
dilution + MOLT4 whole cell lysate at 30 µg

Predicted band size: 32 kDa

12% SDS PAGE



Western blot - Anti-StAR antibody (ab96637)

Image courtesy of an anonymous Abreview.

All lanes : Anti-StAR antibody (ab96637) at 1/1000 dilution

Lane 1 : Whole tissue lysate prepared from murine adrenal gland

Lane 2 : Whole tissue lysate prepared from rat adrenal gland

Lysates/proteins at 50 µg per lane.

Secondary

All lanes : HRP conjugated goat anti-rabbit polyclonal at 1/2500 dilution

Developed using the ECL technique.

Predicted band size: 32 kDa

Exposure time: 20 seconds

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