abcam

Product datasheet

Anti-HSD17B6 antibody ab88893

2 图像

概述

产品名称	Anti-HSD17B6抗体
描述	小鼠多克隆抗体to HSD17B6
宿主	Mouse
经测试应用	**适用于:** WB
种属反应性	**与反应:** Human
免疫原	Full length human HSD17B6 protein (NP_003716.2).
阳性对照	Human liver tissue lysate; HSD17B6 transfected 293T cell lysate

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: None Constituents: 1 x PBS, pH 7.2
纯度	Protein A purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™承诺保证使用ab88893于以下的经测试应用**

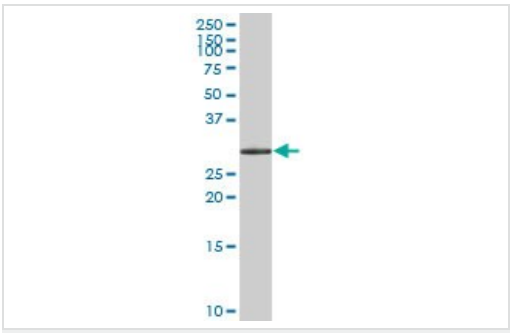
"应用说明"部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 36 kDa.

靶标

功能	NAD-dependent oxidoreductase with broad substrate specificity that shows both oxidative and reductive activity (in vitro). Has 17-beta-hydroxysteroid dehydrogenase activity towards various steroids (in vitro). Converts 5-alpha-androstan-3-alpha,17-beta-diol to androsterone and estradiol to estrone (in vitro). Has 3-alpha-hydroxysteroid dehydrogenase activity towards androsterone (in vitro). Has retinol dehydrogenase activity towards all-trans-retinol (in vitro). Can convert androsterone to epi-androsterone. Androsterone is first oxidized to 5-alpha-androstane-3,17-dione and then reduced to epi-andosterone. Can act on both C-19 and C-21 3-alpha-hydroxysteroids.
组织特异性	Detected in liver and prostate (at protein level). Detected in adult liver, lung, brain, placenta, prostate, adrenal gland, testis, mammary gland, spleen, spinal cord and uterus. Detected in caudate nucleus, and at lower levels in amygdala, corpus callosum, hippocampus, substantia nigra and thalamus. Detected in fetal lung, liver and brain.
序列相似性	Belongs to the short-chain dehydrogenases/reductases (SDR) family.
细胞定位	Microsome membrane. Early endosome membrane.

图片

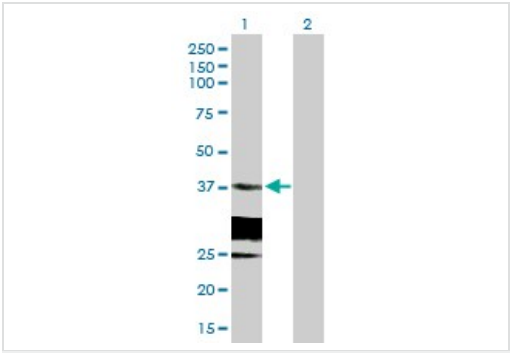


Western blot - Anti-HSD17B6 antibody (ab88893)

Anti-HSD17B6 antibody (ab88893) at 1 µg/ml + human liver tissue lysate at 50 µg

Developed using the ECL technique.

Predicted band size: 36 kDa
Observed band size: ~30 kDa



Western blot - Anti-HSD17B6 antibody (ab88893)

All lanes : Anti-HSD17B6 antibody (ab88893) at 1 µg/ml

Lane 1 : HSD17B6 transfected 293T cell lysate
Lane 2 : non transfected 293T cell lysate

Lysates/proteins at 25 µg per lane.

Developed using the ECL technique.

Predicted band size: 36 kDa
Observed band size: 37 kDa
Additional bands at: ~30 kDa, 25 kDa. We are unsure as to the identity of these extra bands.

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

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