

Product datasheet

Anti-ETFB antibody ab91330

1 图像

概述

产品名称	Anti-ETFB抗体
描述	兔多克隆抗体to ETFB
宿主	Rabbit
经测试应用	适用于: ELISA, WB
种属反应性	与反应: Human
免疫原	Synthetic peptide selected from the N-terminal region of Human ETFB conjugated to KLH (NP_001976.1).
阳性对照	HeLa cell lysate

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	Preservative: 0.09% Sodium Azide Constituents: PBS
纯度	Immunogen affinity purified
纯化说明	ab91330 is purified through a protein A column, followed by peptide affinity purification.
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab91330** 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
ELISA		
WB		

应用说明

ELISA: 1/1000.

WB: 1/100 - 1/500. Predicted molecular weight: 28 kDa.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

靶标

功能

The electron transfer flavoprotein serves as a specific electron acceptor for several dehydrogenases, including five acyl-CoA dehydrogenases, glutaryl-CoA and sarcosine dehydrogenase. It transfers the electrons to the main mitochondrial respiratory chain via ETF-ubiquinone oxidoreductase (ETF dehydrogenase).

组织特异性

Abundant in liver, heart and skeletal muscle. A weak expression is seen in the brain, placenta, lung, kidney and pancreas.

疾病相关

Glutaric aciduria 2B

序列相似性

Belongs to the ETF beta-subunit/FixA family.

结构域

The recognition loop recognizes a hydrophobic patch at the surface of interacting dehydrogenases and acts as a static anchor at the interface.

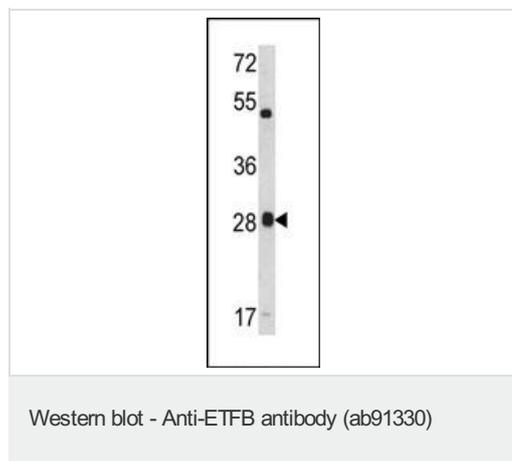
翻译后修饰

Methylated. Trimethylation at Lys-200 and Lys-203 may negatively regulate the activity in electron transfer from Acyl-CoA dehydrogenases.

细胞定位

Mitochondrion matrix.

图片



Anti-ETFB antibody (ab91330) at 1/100 dilution + HeLa cell lysate at 35 µg

Predicted band size: 28 kDa

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