

# Anti-HADHB antibody ab221644

## 2 图像

### 概述

产品名称	Anti-HADHB抗体
描述	兔多克隆抗体to HADHB
宿主	Rabbit
经测试应用	适用于: WB, ICC/IF
种属反应性	与反应: Human 预测可用于: Chimpanzee, Cynomolgus monkey 
免疫原	Recombinant fragment corresponding to Human HADHB aa 1-150. Database link: <a href="#">P55084</a>  <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a>
阳性对照	ICC/IF: U-2 OS cells. WB: RT4 cell lysate.
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

### 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. Avoid freeze / thaw cycle.
存储溶液	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: PBS, 40% Glycerol (glycerin, glycerine)
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

## 应用

### The Abpromise guarantee

**Abpromise™** 承诺保证使用 ab221644 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 0.04 - 0.4 µg/ml. Predicted molecular weight: 51 kDa.
ICC/IF		Use a concentration of 0.25 - 2 µg/ml. Fixation/Permeabilization: PFA/Triton X-100.

## 靶标

### 通路

Lipid metabolism; fatty acid beta-oxidation.

### 疾病相关

Defects in HADHB are a cause of trifunctional protein deficiency (TFP deficiency) [MIM:609015]. The clinical manifestations are very variable and include hypoglycemia, cardiomyopathy and sudden death. Phenotypes with mainly hepatic and neuromyopathic involvement can also be distinguished. Biochemically, TFP deficiency is defined by the loss of all three enzyme activities of the TFP complex.

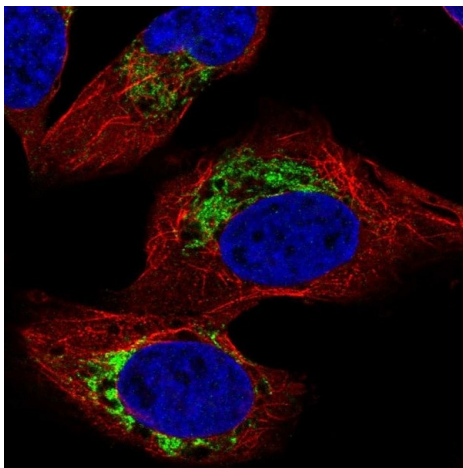
### 序列相似性

Belongs to the thiolase family.

### 细胞定位

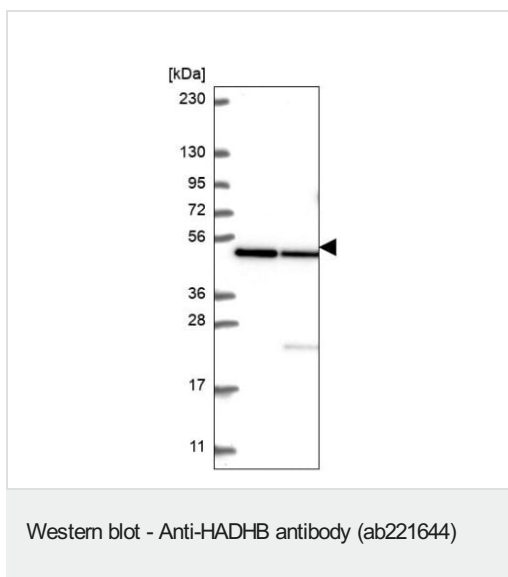
Mitochondrion.

## 图片



PFA-fixed, Triton X-100 permeabilized U-2 OS (human bone osteosarcoma epithelial cell line) cells stained for HADHB (green) using ab221644 at 4 µg/ml in ICC/IF.

Immunocytochemistry/ Immunofluorescence - Anti-HADHB antibody (ab221644)



**All lanes :** Anti-HADHB antibody (ab221644) at 0.4  $\mu$ g

**Lane 1 :** RT-4 cell lysate

**Lane 2 :** U-251 MG cell lysate

**Predicted band size:** 51 kDa

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

### **Our Abpromise to you: Quality guaranteed and expert technical support**

---

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.cn/abpromise> or contact our technical team.

### **Terms and conditions**

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors