




### Anti-CPT1A antibody ab53532

**3 References**   **1 图像**

#### 概述

产品名称	Anti-CPT1A抗体
描述	山羊多克隆抗体to CPT1A
宿主	Goat
经测试应用	适用于: WB
种属反应性	与反应: Human 预测可用于: Chimpanzee, Rhesus monkey 
免疫原	Synthetic peptide: C-DPAQTVEQRLKLFK , corresponding to internal sequence amino acids 621-634 of Human CPT1A  <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a>
阳性对照	Human Liver 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. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 0.5% BSA, 0.5% Tris buffered saline
纯度	Immunogen affinity purified
纯化说明	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

克隆

多克隆

同种型

IgG

应用

The Abpromise guarantee      **Abpromise™**承诺保证使用ab53532于以下的经测试应用

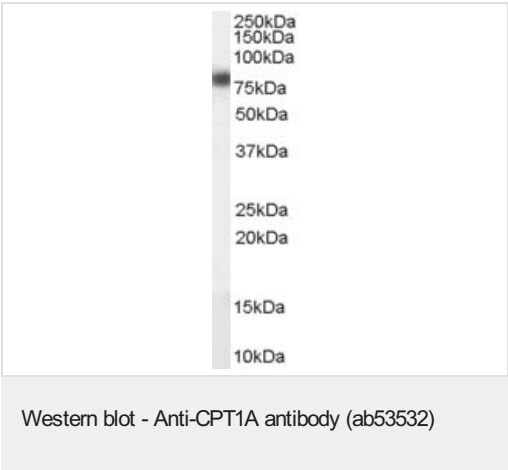
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		Use a concentration of 1 - 3 µg/ml. Detects a band of approximately 80 kDa (predicted molecular weight: 86 kDa). 1 hour primary incubation is recommended for this product.

靶标

组织特异性	Strong expression in kidney and heart, and lower in liver and skeletal muscle.
通路	Lipid metabolism; fatty acid beta-oxidation.
疾病相关	Defects in CPT1A are the cause of carnitine palmitoyltransferase 1A deficiency (CPT1AD) [MIM:255120]; also known as CPT-I deficiency or CPT1A deficiency. CPT1AD is a rare autosomal recessive metabolic disorder of long-chain fatty acid oxidation characterized by severe episodes of hypoketotic hypoglycemia usually occurring after fasting or illness. Onset is in infancy or early childhood.
序列相似性	Belongs to the carnitine/choline acetyltransferase family.
细胞定位	Mitochondrion outer membrane.

图片



Anti-CPT1A antibody (ab53532) at 0.1 µg/ml + Human Liver lysate at 35 µg

**Predicted band size:** 86 kDa  
**Observed band size:** 80 kDa

Primary incubation was 1 hour. Detected by chemiluminescence. RIPA buffer used.

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

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- 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.

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