

# Anti-Acetyl Coenzyme A Carboxylase antibody [143] - C-terminal ab205883

[1 References](#) [1 图像](#)

### 概述

产品名称	Anti-Acetyl Coenzyme A Carboxylase抗体[143] - C-terminal
描述	小鼠单克隆抗体[143] to Acetyl Coenzyme A Carboxylase - C-terminal
宿主	Mouse
经测试应用	适用于: WB
种属反应性	与反应: Human 预测可用于: Mouse, Rat, Cow, Pig, Chimpanzee, Rhesus monkey 
免疫原	Recombinant fragment corresponding to Human Acetyl Coenzyme A Carboxylase (C terminal). Database link: <a href="#">Q13085</a>
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: 7.40 Preservative: 0.1% Sodium azide Constituent: 99.9% PBS
纯度	Protein A purified
克隆	单克隆
克隆编号	143
同种型	IgG1

## 应用

**The Abpromise guarantee**      **Abpromise™** 承诺保证使用 ab205883 于以下的经测试应用

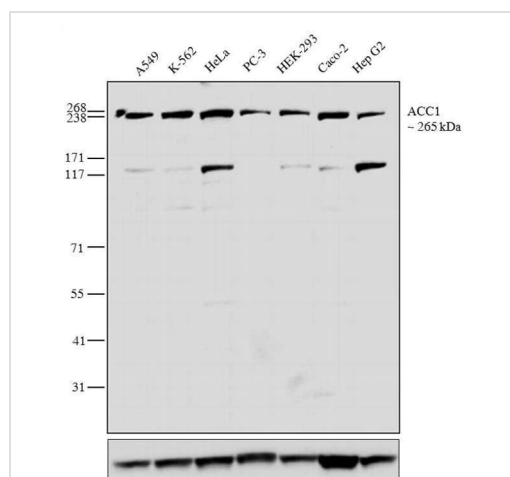
“应用说明”部分 下显示的仅为推荐的起始稀释度; 实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		Use a concentration of 1 - 3 µg/ml. Predicted molecular weight: 266 kDa.

## 靶标

<b>功能</b>	Catalyzes the rate-limiting reaction in the biogenesis of long-chain fatty acids. Carries out three functions: biotin carboxyl carrier protein, biotin carboxylase and carboxyltransferase.
<b>组织特异性</b>	Expressed in brain, placental, skeletal muscle, renal, pancreatic and adipose tissues; expressed at low level in pulmonary tissue; not detected in the liver.
<b>通路</b>	Lipid metabolism; malonyl-CoA biosynthesis; malonyl-CoA from acetyl-CoA: step 1/1.
<b>疾病相关</b>	Acetyl-CoA carboxylase 1 deficiency
<b>序列相似性</b>	Contains 1 ATP-grasp domain. Contains 1 biotin carboxylation domain. Contains 1 biotinyl-binding domain. Contains 1 carboxyltransferase domain.
<b>翻译后修饰</b>	Phosphorylation on Ser-1263 is required for interaction with BRCA1.
<b>细胞定位</b>	Cytoplasm.

## 图片



Western blot - Anti-Acetyl Coenzyme A Carboxylase antibody [143] - C-terminal (ab205883)

**All lanes** : Anti-Acetyl Coenzyme A Carboxylase antibody [143] - C-terminal (ab205883) at 1 µg/ml

- Lane 1** : A549
- Lane 2** : K-562
- Lane 3** : HeLa
- Lane 4** : PC-3
- Lane 5** : HEK-293
- Lane 6** : Caco-2
- Lane 7** : Hep G2

Lysates/proteins at 30 µg per lane.

### Secondary

**All lanes** : Goat anti-Mouse IgG (H+L) Superclonal™ Secondary Antibody, HRP conjugate at 0.4 µg/ml

### **Predicted band size: 266 kDa**

Western blot analysis of ACC1 expression using membrane enriched extracts of A549, K-562, HeLa, PC-3, HEK-293, Caco-2 and Hep G2 cell lysates. The blots were probed with ab205883 and detected by chemiluminescence using Goat anti-Mouse IgG (H+L) Superclonal™ Secondary Antibody, HRP conjugate. A 265 kDa band corresponding to ACC1 were observed across the cell lines tested. Along with the desired bands, non-specific bands at 120 kDa were observed across cell lines, except PC-3. Known quantity of protein samples were electrophoresed using Novex® NuPAGE® 4-12 % Bis-Tris gel, XCell SureLock™ Electrophoresis System and HiMark™ Pre-stained Protein Standard. Resolved proteins were then transferred onto a nitrocellulose membrane with overnight wet transfer System. The membrane was probed with the relevant primary and secondary Antibody following blocking with 5% skimmed milk. Chemiluminescent detection was performed using Pierce™ ECL Western Blotting Substrate.

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

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