


# Anti-Fatty Acid Synthase antibody ab99359

★★★★★ [1 Abreviews](#) [12 References](#) [4 图像](#)

### 概述

产品名称	Anti-Fatty Acid Synthase抗体
描述	兔多克隆抗体to Fatty Acid Synthase
宿主	Rabbit
经测试应用	适用于: IHC-P, WB, IP
种属反应性	与反应: Mouse, Human 预测可用于: Rat, Rabbit, Goat, Horse, Guinea pig, Cow, Dog, Chimpanzee, Rhesus monkey, Gorilla, Chinese hamster 
免疫原	A region within amino acids 2462-2511 of Human Fatty Acid Synthase (NP_004095.4).
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. Avoid freeze / thaw cycles.
存储溶液	<p>pH: 6.8</p> <p>Preservative: 0.09% Sodium azide</p> <p>Constituents: 0.1% BSA, Tris buffered saline</p>
纯度	Immunogen affinity purified
纯化说明	ab99359 was affinity purified using an epitope specific to Fatty Acid Synthase immobilized on solid support.
克隆	多克隆
同种型	IgG

### 应用

## The Abpromise guarantee

**Abpromise™** 承诺保证使用ab99359于以下的经测试应用

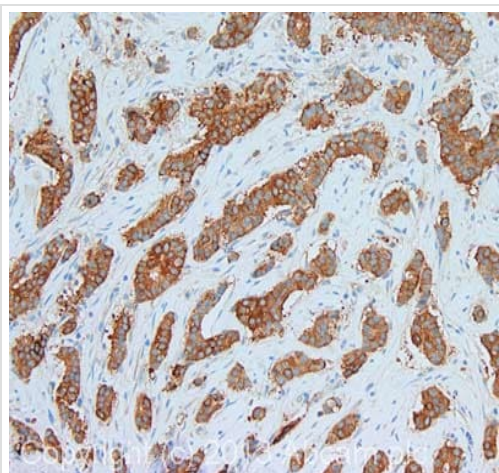
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-P		Use at an assay dependent concentration.
WB		1/2000 - 1/10000. Predicted molecular weight: 273 kDa.
IP		Use at 2-5 µg/mg of lysate.

## 靶标

功能	Fatty acid synthetase catalyzes the formation of long-chain fatty acids from acetyl-CoA, malonyl-CoA and NADPH. This multifunctional protein has 7 catalytic activities and an acyl carrier protein.
组织特异性	Ubiquitous. Prominent expression in brain, lung, and liver.
序列相似性	Contains 1 acyl carrier domain.
细胞定位	Cytoplasm. Melanosome. Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

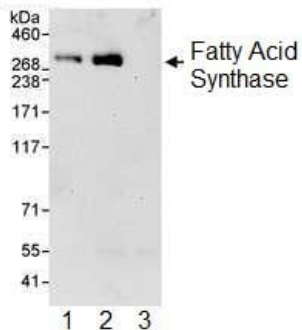
## 图片



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Fatty Acid Synthase antibody (ab99359)

IHC image of Fatty Acid Synthase staining in human breast adenocarcinoma formalin fixed paraffin embedded tissue section, performed on a Leica Bond system using the standard protocol F. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20 mins. The section was then incubated with ab99359, 1 µg/ml, for 15 mins at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.



Immunoprecipitation - Anti-Fatty Acid Synthase antibody (ab99359)

ab99359 at 0.1  $\mu\text{g/ml}$  detecting Fatty Acid Synthase in HeLa whole cell lysate by western blot analysis following immunoprecipitation.

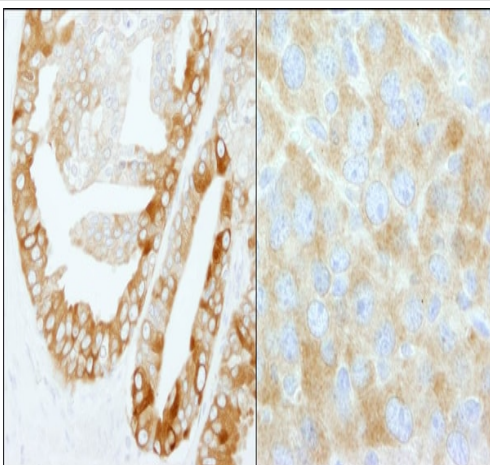
Detection utilised ECL with a 30 second exposure.

For immunoprecipitation, ab99359 was used at at 3  $\mu\text{g/mg}$  lysate; 1 mg of lysate was used for IP and 20% of IP was loaded.

Lane 1; IP using **ab99358** (a rabbit anti-Fatty Acid Synthase antibody which recognizes a upstream epitope).

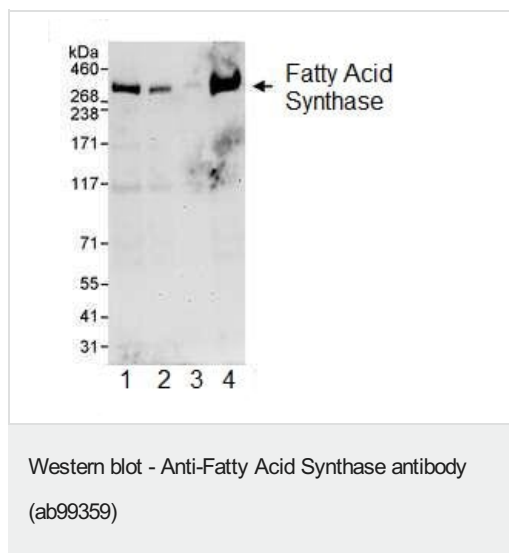
Lane 2; IP using ab99359.

Lane 3; IP using control IgG.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Fatty Acid Synthase antibody (ab99359)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human prostate carcinoma (left) and mouse renal cell carcinoma (right) tissues labelling Fatty Acid Synthase with ab99359 at 1/200 (1  $\mu\text{g/ml}$ ). Detection: DAB.



**All lanes :** Anti-Fatty Acid Synthase antibody (ab99359) at 0.04 µg/ml

**Lane 1 :** HeLa whole cell lysate at 50 µg

**Lane 2 :** HeLa whole cell lysate at 15 µg

**Lane 3 :** HeLa whole cell lysate at 5 µg

**Lane 4 :** 293T whole cell lysate at 50 µg

Developed using the ECL technique.

**Predicted band size:** 273 kDa

**Exposure time:** 30 seconds

**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