

# Anti-FH/Fumarase antibody ab95950

**3 References**   **2 图像**

### 概述

产品名称	Anti-FH/Fumarase抗体
描述	兔多克隆抗体to FH/Fumarase
宿主	Rabbit
经测试应用	适用于: WB, IHC-P
种属反应性	与反应: Human 预测可用于: Mouse, Rat, Cow, Zebrafish 
免疫原	Recombinant fragment corresponding to Human FH/Fumarase aa 89-335.
阳性对照	293T and A431 whole cell lysates OVCAR3 xenograft tissue
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	<p>pH: 7.00</p> <p>Preservative: 0.01% Thimerosal (merthiolate)</p> <p>Constituents: 1.21% Tris, 0.75% Glycine, 10% Glycerol (glycerin, glycerine)</p>
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 ab95950 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		1/500 - 1/3000. Predicted molecular weight: 55 kDa.
IHC-P		1/100 - 1/500.

## 靶标

### 功能

Also acts as a tumor suppressor.

### 通路

Carbohydrate metabolism; tricarboxylic acid cycle; (S)-malate from fumarate: step 1/1.

### 疾病相关

Defects in FH are the cause of fumarase deficiency (FHD) [MIM:606812]; also known as fumaricaciduria. FHD is characterized by progressive encephalopathy, developmental delay, hypotonia, cerebral atrophy and lactic and pyruvic acidemia.

Defects in FH are the cause of multiple cutaneous and uterine leiomyomata (MCUL1) [MIM:150800]. MCUL1 is an autosomal dominant condition in which affected individuals develop benign smooth muscle tumors (leiomyomata) of the skin. Affected females also usually develop leiomyomata of the uterus (fibroids).

Defects in FH are the cause of hereditary leiomyomatosis and renal cell cancer (HLRCC) [MIM:605839].

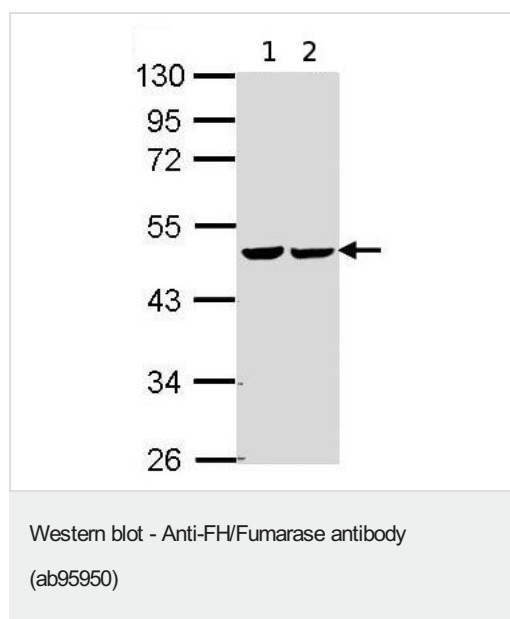
### 序列相似性

Belongs to the class-II fumarase/aspartase family. Fumarase subfamily.

### 细胞定位

Cytoplasm and Mitochondrion.

## 图片



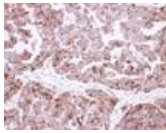
**All lanes :** Anti-FH/Fumarase antibody (ab95950) at 1/5000 dilution

**Lane 1 :** 293T whole cell lysate

**Lane 2 :** A431 whole cell lysate

Lysates/proteins at 30 µg per lane.

**Predicted band size:** 55 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FH/Fumarase antibody (ab95950)

ab95950 at a 1:500 dilution, staining human FH/Fumarase in OVCAR3 xenograft, using Immunohistochemistry, Formalin/PFA-fixed paraffin-embedded tissue.

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

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