



Anti-FH/Fumarase antibody ab113963

2 References **3 图像**

概述

产品名称	Anti-FH/Fumarase抗体
描述	山羊多克隆抗体to FH/Fumarase
宿主	Goat
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, Sheep, Horse, Chicken, Cow, Dog, Pig, Zebrafish, Chinese hamster
免疫原	Synthetic peptide corresponding to Human FH/Fumarase aa 150-250 (internal sequence) (Cysteine residue).  Run BLAST with Expasy  Run BLAST with NCBI
阳性对照	Human Heart and Human Skeletal Muscle tissue Human Kidney 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&As</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C.
存储溶液	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 99% Tris buffered saline, 0.5% BSA
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ab113963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 0.01 µg/ml. Predicted molecular weight: 55 kDa.
IHC-P		Use a concentration of 3.75 µg/ml.

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].

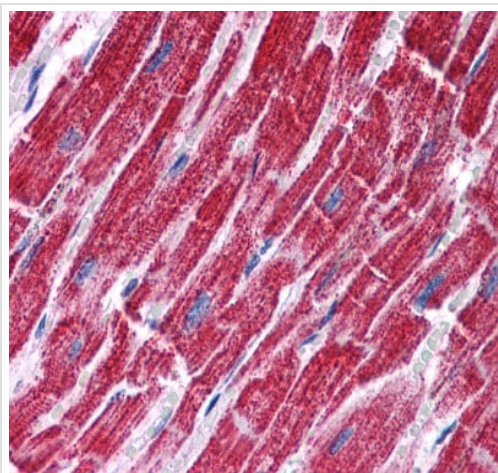
序列相似性

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

细胞定位

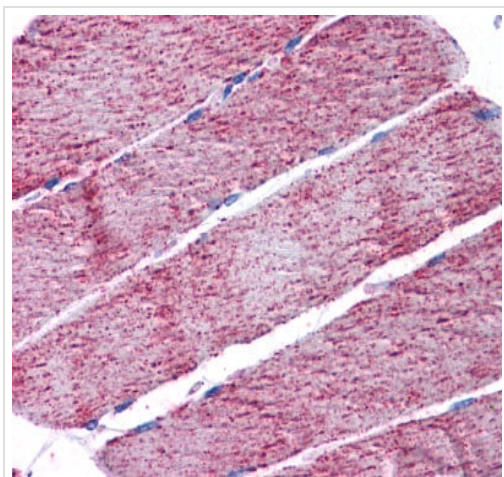
Cytoplasm and Mitochondrion.

图片



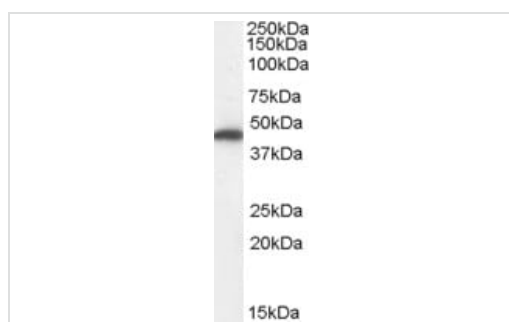
Immunohistochemical staining of Human Heart using ab113963 at 3.75µg/ml

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FH/Fumarase antibody (ab113963)



Immunohistochemical staining of Human Skeletal Muscle using ab113963 at 3.75µg/ml

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FH/Fumarase antibody (ab113963)



Anti-FH/Fumarase antibody (ab113963) at 0.01 µg/ml + Human Kidney lysate at 35 µg

Developed using the ECL technique.

Predicted band size: 55 kDa

Western blot - Anti-FH/Fumarase antibody (ab113963)

Primary incubation was 1 hour.

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

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