


# Anti-FH/Fumarase antibody ab113963

**2 References** [画像数 3](#)

### 製品の概要

製品名	Anti-FH/Fumarase antibody
製品の詳細	Goat polyclonal to FH/Fumarase
由来種	Goat
アプリケーション	<b>適用あり:</b> WB, IHC-P
種交差性	<b>交差種:</b> Human <b>交差が予測される動物種:</b> 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). <a href="#">Run BLAST with ExPASy</a> <a href="#">Run BLAST with NCBI</a>
ポジティブ・コントロール	Human Heart and Human Skeletal Muscle tissue Human Kidney lysate
特記事項	<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>

### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at -20°C.
バッファー	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 99% Tris buffered saline, 0.5% BSA
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

## アプリケーション

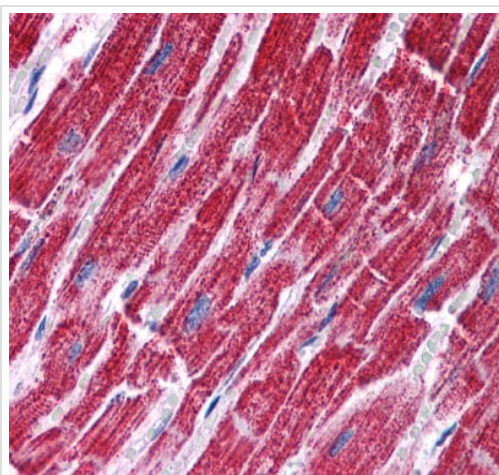
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab113963の使用に適用されず**  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		Use a concentration of 0.01 µg/ml. Predicted molecular weight: 55 kDa.
IHC-P		Use a concentration of 3.75 µg/ml.

## ターゲット情報

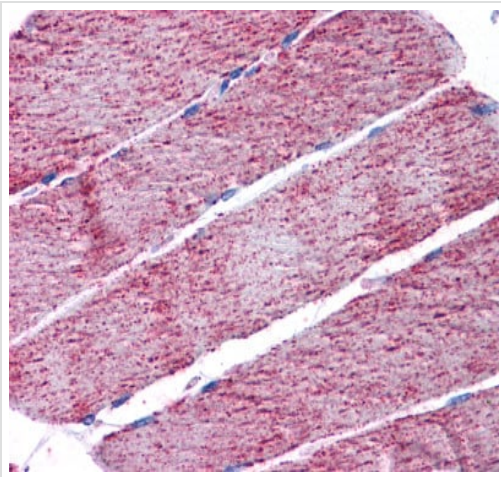
機能	Also acts as a tumor suppressor.
パスウェイ	Carbohydrate metabolism; tricarboxylic acid cycle; (S)-malate from fumarate: step 1/1.
関連疾患	<p>Defects in FH are the cause of fumarase deficiency (FHD) [MIM:606812]; also known as fumaricaciduria. FHD is characterized by progressive encephalopathy, developmental delay, hypotonia, cerebral atrophy and lactic and pyruvic acidemia.</p> <p>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).</p> <p>Defects in FH are the cause of hereditary leiomyomatosis and renal cell cancer (HLRCC) [MIM:605839].</p>
配列類似性	Belongs to the class-II fumarase/aspartase family. Fumarase subfamily.
細胞内局在	Cytoplasm and Mitochondrion.

## 画像



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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