# [KD Validated] ETFDH Rabbit mAb

Catalog No.: A26878 Recombinant



### **Basic Information**

### **Observed MW**

64kDa

### **Calculated MW**

68kDa

### Category

Primary antibody

### **Applications**

WB,IF/ICC,IF-P,IHC-P,ELISA

#### **Cross-Reactivity**

Human, Mouse, Rat

#### CloneNo number

ARC70451

# **Background**

This gene encodes a component of the electron-transfer system in mitochondria and is essential for electron transfer from a number of mitochondrial flavin-containing dehydrogenases to the main respiratory chain. Mutations in this gene are associated with glutaric acidemia. Alternatively spliced transcript variants that encode distinct isoforms have been observed.

## **Recommended Dilutions**

**WB** 1:12000 - 1:370000

**IF/ICC** 1:200 - 1:800

IF-P 1:200 - 1:800

IHC-P 1:2000 - 1:20000

**ELISA** Recommended starting

concentration is 1 µg/mL.

Please optimize the

concentration based on

your specific assay

requirements.

# **Immunogen Information**

**Gene ID**2110

Swiss Prot
Q16134

#### **Immunogen**

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

### **Synonyms**

MADD; ETFQO

# Contact

<b>a</b>	400-999-6126
×	cn.market@abclonal.com.cn
	www.abclonal.com.cn

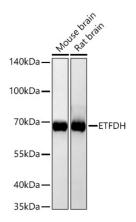
### **Product Information**

SourceIsotypePurificationRabbitIgGAffinity purification

#### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.09% Sodium azide, 0.05% BSA, 50% glycerol, pH7.3.



Western blot analysis of various lysates using [KD Validated] ETFDH Rabbit mAb (A26878) at 1:63000 dilution incubated overnight at  $4^{\circ}$ C.

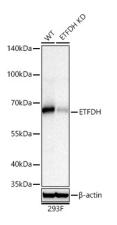
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 10s.

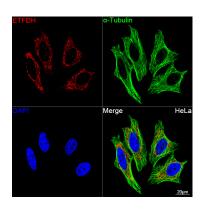


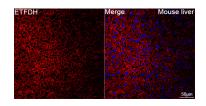
Western blot analysis of lysates from wild type (WT) and ETFDH knockdown (KD) 293F cells using [KD Validated] ETFDH Rabbit mAb (A26878) at 1:12000 dilution incubated overnight at  $4^{\circ}$ C. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane.

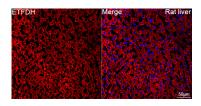
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 5s.



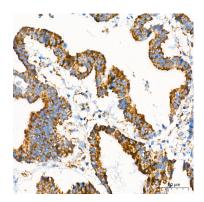




Confocal imaging of HeLa cells using [KD Validated] ETFDH Rabbit mAb (A26878, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). The cells were counterstained with  $\alpha$ -Tubulin Mouse mAb (AC012, dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (AS076, dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.

Confocal imaging of paraffin-embedded Mouse liver tissue using [KD Validated] ETFDH Rabbit mAb (A26878, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer(pH 6.0) prior to IF staining. Objective:

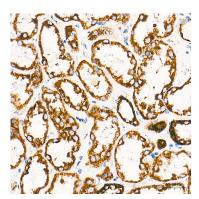
Confocal imaging of paraffin-embedded Rat liver tissue using [KD Validated] ETFDH Rabbit mAb (A26878, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer(pH 6.0) prior to IF staining. Objective:



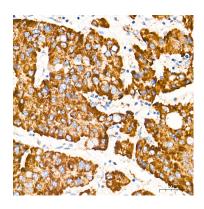
Immunohistochemistry analysis of paraffinembedded Human colon carcinoma tissue using [KD Validated] ETFDH Rabbit mAb (A26878) at a dilution of 1:6000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.



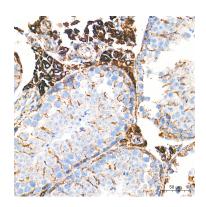
Immunohistochemistry analysis of paraffinembedded Human esophagus tissue using [KD Validated] ETFDH Rabbit mAb (A26878) at a dilution of 1:6000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.



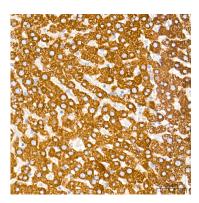
Immunohistochemistry analysis of paraffinembedded Human kidney tissue using [KD Validated] ETFDH Rabbit mAb (A26878) at a dilution of 1:6000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Human liver cancer tissue using [KD Validated] ETFDH Rabbit mAb (A26878) at a dilution of 1:6000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Mouse testis tissue using [KD Validated] ETFDH Rabbit mAb (A26878) at a dilution of 1:6000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Rat liver tissue using [KD Validated] ETFDH Rabbit mAb (A26878) at a dilution of 1:6000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.