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Datasheet for ABIN1695072

anti-ETFDH antibody (AA 41-150) (Alexa Fluor 488)

Overview

Quantity:	100 µL
Target:	ETFDH
Binding Specificity:	AA 41-150
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ETFDH antibody is conjugated to Alexa Fluor 488
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ETFDH
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Horse, Chicken, Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	ETFDH
Alternative Name:	ETFDH (ETFDH Products)
Background:	Synonyms: Electron transfer flavoprotein ubiquinone oxidoreductase, Electron transfer

Target Details

flavoprotein-ubiquinone oxidoreductase, electron transferring flavoprotein dehydrogenase, Electron-transferring-flavoprotein dehydrogenase, ETF dehydrogenase, ETF QO, ETF ubiquinone oxidoreductase, ETF-QO, ETF-ubiquinone oxidoreductase, ETFD_HUMAN, Etfdh, mitochondrial. Background: Electron-transferring-flavoprotein dehydrogenase in the inner mitochondrial membrane accepts electrons from electron-transfer flavoprotein which is located in the mitochondrial matrix and reduces ubiquinone in the mitochondrial membrane. The protein is synthesized as a 67- kDa precursor which is targeted to mitochondria and processed in a single step to a 64- kDa mature form located in the mitochondrial membrane. Deficiency in electron-transferring-flavoprotein dehydrogenase have been demonstrated in some patients with type II glutaricacidemia. [provided by RefSeq, Jul 2008].

Gene ID: 2110

Pathways: [Monocarboxylic Acid Catabolic Process](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months