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Datasheet for ABIN1698709

anti-ETFDH antibody (AA 41-150) (Alexa Fluor 647)

Overview

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| 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 647 |
| Application: | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

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| 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

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|-------------------|---|
| 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].

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| Gene ID: | 2110 |
| Pathways: | Monocarboxylic Acid Catabolic Process |

Application Details

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| 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

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|--------------------|--|
| 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 |