

Datasheet for ABIN1386297
anti-ETFA antibody (AA 184-260)



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Overview

Quantity:	100 µL
Target:	ETFA
Binding Specificity:	AA 184-260
Reactivity:	Mouse, Xenopus laevis
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ETFA antibody is un-conjugated
Application:	ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ETFA
Isotype:	IgG
Cross-Reactivity:	Mouse, Xenopus laevis
Predicted Reactivity:	Human,Rat,Dog,Cow,Sheep,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	ETFA
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Target Details

Alternative Name: ETFA ([ETFA Products](#))

Background: Synonyms: ETF-alpha,Electron transfer flavoprotein subunit alpha,electron-transfer-flavoprotein, alpha polypeptide,mitochondrial,Alpha ETF,Alpha-ETF,Electron transfer flavoprotein alpha polypeptide,Electron transfer flavoprotein alpha subunit,Electron transfer flavoprotein subunit alpha,Electron transfer flavoprotein subunit alpha mitochondrial,Electron transfer flavoprotein subunit alpha, mitochondrial,Electron transferring flavoprotein alpha polypeptide,EMA,ETFA,ETFA_HUMAN,GA2.

Background: ETFA participates in catalyzing the initial step of the mitochondrial fatty acid beta-oxidation. It shuttles electrons between primary flavoprotein dehydrogenases and the membrane-bound electron transfer flavoprotein ubiquinone oxidoreductase. Defects in electron-transfer-flavoprotein have been implicated in type II glutaricaciduria in which multiple acyl-CoA dehydrogenase deficiencies result in large excretion of glutaric, lactic, ethylmalonic, butyric, isobutyric, 2-methyl-butyric, and isovaleric acids. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008].

Gene ID: 2108

Pathways: [SARS-CoV-2 Protein Interactome](#)

Application Details

Application Notes: ELISA 1:500-1000
IHC-P 1:200-400
IHC-F 1:100-500
IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200
ICC 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Handling

Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months