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Datasheet for ABIN2856049 anti-ETFA antibody (Center)

8 Images



Overview

Quantity:	100 μL
Target:	ETFA
Binding Specificity:	Center
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ETFA antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC), Immunoprecipitation (IP), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human ETFA. The
	exact sequence is proprietary.
lsotype:	lgG
Characteristics:	Rabbit Polyclonal antibody to ETFA (electron-transfer-flavoprotein, alpha polypeptide)
	ETFA antibody
Purification:	Purified by antigen-affinity chromatography.
Target Details	
Target:	ETFA

Alternative Name: ETFA (ETFA Products)

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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.
	Cellular Localization: Mitochondrion matrix
Molecular Weight:	35 kDa

Molecular Weight:	35 kDa
Gene ID:	2108
Pathways:	SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	Suggested dilution Reference ICC/IF 1:100-1:1000* IHC (Formalin-fixed paraffin-embedded
	sections) 1:100-1:1000* Immunoprecipitation 1:100-1:500* Western blot 1:500-1:3000* Not
	tested in other applications. *Optimal dilutions/concentrations should be determined by the
	researcher.Suggested dilutionReferenceICC/IF1:100-1:1000* IHC (Formalin-fixed paraffin-
	embedded sections)1:100-1:1000* Immunoprecipitation1:100-1:500* Western blot1:500-
	1:3000*
Comment:	Positive Control: A431 , HeLa , PC-12
Restrictions:	For Research Use only

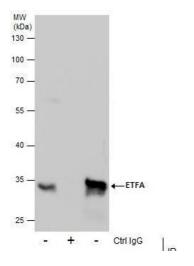
Handling

Format:	Liquid
Concentration:	0.88 mg/mL
Buffer:	0.1M Tris, 0.1M Glycine, 20 % Glycerol (pH 7). 0.01 % Thimerosal was added as a preservative.
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C

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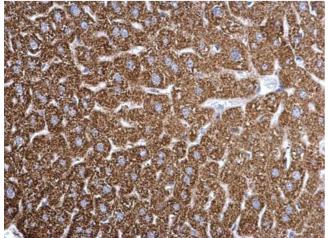
Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Images



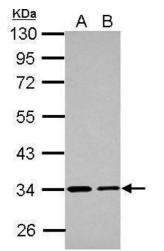
Immunoprecipitation

Image 1. IP Image Immunoprecipitation of ETFA protein from HepG2 whole cell extracts using 5 µg of ETFA antibody, Western blot analysis was performed using ETFA antibody, EasyBlot anti-Rabbit IgG was used as a secondary reagent.



Immunohistochemistry

Image 2. IHC-P Image ETFA antibody detects ETFA protein at mitochondria on mouse liver by immunohistochemical analysis. Sample: Paraffin-embedded mouse liver. ETFA antibody, dilution: 1:500.



Western Blotting

Image 3. WB Image Sample (30 ug of whole cell lysate) A: A431 B: HeLa 10% SDS PAGE antibody diluted at 1:1000

Please check the product details page for more images. Overall 8 images are available for ABIN2856049.

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