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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP54290_P050-FITC
Product Page	www.avivasysbio.com/etfa-antibody-middle-region-fitc-arp54290-p050-fitc.html
Name	ETFA Antibody - middle region : FITC (ARP54290_P050-FITC)
Protein Size (# AA)	333 amino acids
Molecular Weight	35kDa
Subunit	alpha, mitochondrial
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	2108
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Electron-transfer-flavoprotein, alpha polypeptide
Alias Symbols	EMA, GA2, MADD
Peptide Sequence	Synthetic peptide located within the following region: VVS GGRGLKSGENFKLLYDLADQLHAAVGASRAAVDAGFVPNDMQVGQTG
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Chiong,M.A., Mol. Genet. Metab. 92 (1-2), 109-114 (2007)
Description of Target	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-butyrac, and isovaleric acids.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-butyrac, and isovaleric acids. Two transcript variants encoding different isoforms have been found for this gene.
Protein Interactions	SUMO2; MDM2; PSEN1; PPP6R3; BAG3; TPM1; UBC; SORD; HADHA; ETFB; CDC42; HDAC5; MYC; ICT1; UBA5; DDA1; ATG101;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-ETFA (ARP54290_P050-FITC) antibody
Blocking Peptide	For anti-ETFA (ARP54290_P050-FITC) antibody is Catalog # AAP54290 (Previous Catalog # AAPP31039)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human ETFA
Uniprot ID	P13804
Protein Name	Electron transfer flavoprotein subunit alpha, mitochondrial
Protein Accession #	NP_000117
Purification	Affinity Purified
Nucleotide Accession #	NM_000126
Gene Symbol	ETFA

Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Goat, Guinea Pig, Horse, Rabbit, Yeast, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Goat: 86%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Yeast: 92%; Zebrafish: 93%
Image 1	

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.
Optimal conditions of its use should be determined by end users.

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