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Anti-ETFB Antibody (aa231-243)

Goat Anti Human Polyclonal Antibody
Catalog # ALS17816

Product Information

Application	WB, IHC-P, E
Primary Accession	P38117
Predicted	Human, Mouse, Rabbit, Bovine
Host	Goat
Clonality	Polyclonal
Calculated MW	27844
Concentration (mg/ml)	0.5 mg/ml

Additional Information

Gene ID	2109
Alias Symbol	ETFB
Other Names	ETFB, FP585, Beta-ETF
Target/Specificity	Human ETFB. This antibody is expected to recognize both reported isoforms (NP_001976.1; NP_001014763.1). Amino acid numbering in the name above refers to NP_001976.1).
Reconstitution & Storage	Immunoaffinity purified
Precautions	Anti-ETFB Antibody (aa231-243) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	ETFB (HGNC:3482)
Function	Heterodimeric electron transfer flavoprotein that accepts electrons from several mitochondrial dehydrogenases, including acyl-CoA dehydrogenases, glutaryl-CoA and sarcosine dehydrogenase (PubMed:15159392, PubMed:15975918, PubMed:25416781). It transfers the electrons to the main mitochondrial respiratory chain via ETF- ubiquinone oxidoreductase (Probable). Required for normal mitochondrial fatty acid oxidation and normal amino acid metabolism (PubMed:12815589, PubMed:7912128). ETFB binds an AMP molecule that probably has a purely structural role (PubMed:15159392, PubMed:15975918, PubMed:8962055).
Cellular Location	Mitochondrion matrix
Tissue Location	Abundant in liver, heart and skeletal muscle. A weak expression is seen in the

brain, placenta, lung, kidney and pancreas.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.