10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-ETFB Antibody (aa231-243)

Goat Anti Human Polyclonal Antibody
Catalog # ALS17816

Specification

Anti-ETFB Antibody (aa231-243) - Product Information

Application	**WB, IHC-P, E**
Primary Accession	P38117
Predicted	**Human, Mouse, Rabbit, Bovine**
Host	**Goat**
Clonality	**Polyclonal**
Calculated MW	**27844**

Anti-ETFB Antibody (aa231-243) - 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.

Anti-ETFB Antibody (aa231-243) - 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:25416781, PubMed:15159392, PubMed:15975918). 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:<a href="http://www.uniprot.org/citations/8962055"

target="_blank">8962055, PubMed:15159392, PubMed:15975918).

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.

Anti-ETFB Antibody (aa231-243) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-ETFB Antibody (aa231-243) - Images