

ETFA (aa139-152) Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3257a**Specification**

ETFA (aa139-152) Antibody (internal region) - Product Information

Application	WB, E
Primary Accession	P13804
Other Accession	NP_000117.1 , NP_001121188.1 , 2108 , 110842 (mouse), 300726 (rat)
Reactivity	Human, Mouse, Rat
Predicted	Pig, Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	35080

ETFA (aa139-152) Antibody (internal region) - Additional Information**Gene ID** 2108**Other Names**

Electron transfer flavoprotein subunit alpha, mitochondrial, Alpha-ETF, ETFA

Dilution

WB~~1:1000

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

ETFA (aa139-152) Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

ETFA (aa139-152) Antibody (internal region) - Protein Information**Name** ETFA**Function**

Heterodimeric electron transfer flavoprotein that accepts electrons from several mitochondrial dehydrogenases, including acyl-CoA dehydrogenases, glutaryl-CoA and sarcosine dehydrogenase

(PubMed:10356313, PubMed:15159392, PubMed:15975918, PubMed:27499296, PubMed:9334218). It transfers the electrons to the main mitochondrial respiratory chain via ETF-ubiquinone oxidoreductase (ETF dehydrogenase) (PubMed:9334218). Required for normal mitochondrial fatty acid oxidation and normal amino acid metabolism (PubMed:12815589, PubMed:1430199, PubMed:1882842).

Cellular Location

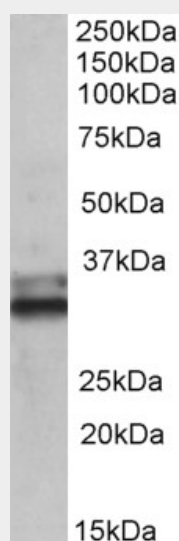
Mitochondrion matrix.

ETFA (aa139-152) Antibody (internal region) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ETFA (aa139-152) Antibody (internal region) - Images



AF3257a (0.1 µg/ml) staining of Human Colon lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

ETFA (aa139-152) Antibody (internal region) - Background

This antibody is expected to recognize both isoforms (NP_000117.1; NP_001121188.1). Amino acid

numbering in name refers to NP_000117.1 sequence)

ETFA (aa139-152) Antibody (internal region) - References

Clinical and genetic analysis of lipid storage myopathies. Ohkuma A, Noguchi S, Sugie H, Malicdan MC, Fukuda T, Shimazu K, LÃ³pez LC, Hirano M, Hayashi YK, Nonaka I, Nishino I, Muscle & nerve 2009 Mar 39 (3): 333-42. PMID: 19208393