

Rabbit ETFA Polyclonal Antibody | anti-ETFA antibody

ETFA antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200346	Rabbit	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast, Zebrafish	Western Blot

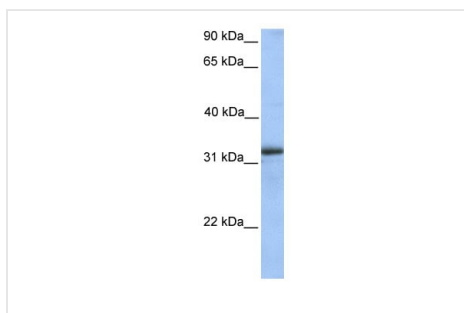
PRODUCT SYNONYMS

ETFA; Polyclonal Antibody; ETFA antibody - middle region; anti-ETFA antibody

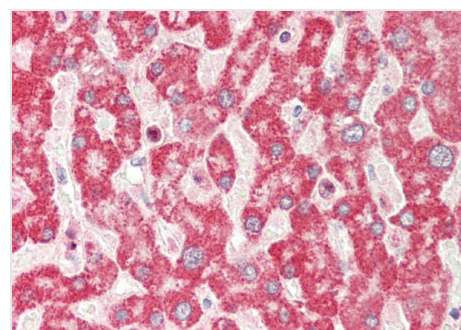
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: VV SGGRGLKSGE NFKLLYDLAD QLHAAVGASR AAVDAGFVPN DMQVGQTG
Sequence Length	333
Applicable Applications for anti-ETFA antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Goat: 86%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Yeast: 92%; Zebrafish: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human ETFA
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

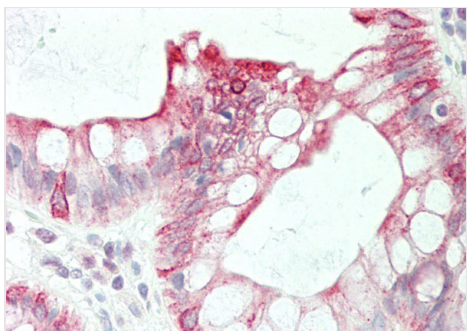
IMAGES


WB (Western Blot)

WB Suggested Anti-ETFA Antibody Titration: 0.2-1 ug/ml Positive Control: Human heart


IHC (Immunohistochemistry)

Rabbit Anti-ETFA antibody Formalin Fixed Paraffin Embedded Tissue: Human Liver Primary antibody Concentration: 1:66.7 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20x Exposure Time: 0.5-2.0sec



IHC (Immunohistochemistry)

Rabbit Anti-ETFA antibody
Formalin Fixed Paraffin Embedded Tissue: Human Colon
Primary antibody Concentration: 1:66.7
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary antibody Concentration: 1:200
Magnification: 20x
Exposure Time: 0.5-2.0sec

ADDITIONAL INFORMATION

Related Product Information for anti-ETFA antibody

This is a rabbit polyclonal antibody against ETFA. It was validated on Western Blot using a cell lysate as a positive control.

Target Description: 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. 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.

Product Categories/Family for anti-ETFA antibody

[Polyclonal](#); [Drugs and Drug Metabolism](#); [Various](#); [Disease Related](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503607
NCBI GeneID	2108
NCBI Accession #	NP_000117
NCBI GenBank Nucleotide #	NM_000126
UniProt Accession #	P13804
Molecular Weight	35kDa
NCBI Official Full Name	electron transfer flavoprotein subunit alpha, mitochondrial isoform a
NCBI Official Synonym Full Names	electron transfer flavoprotein subunit alpha
NCBI Official Symbol	ETFA
NCBI Official Synonym Symbols	EMA; GA2; MADD
NCBI Protein Information	electron transfer flavoprotein subunit alpha, mitochondrial
UniProt Protein Name	Electron transfer flavoprotein subunit alpha, mitochondrial
UniProt Gene Name	ETFA
UniProt Synonym Gene Names	Alpha-ETF
UniProt Entry Name	ETFA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/etfa-antibody-western-blot-elisa/200346>