

Rabbit ETFA Polyclonal Antibody | anti-ETFA antibody

ETFA Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286563	Rabbit	Human, mouse (Predicted Reactivity: Monkey)	Immunofluorescence, ELISA, Western Blot

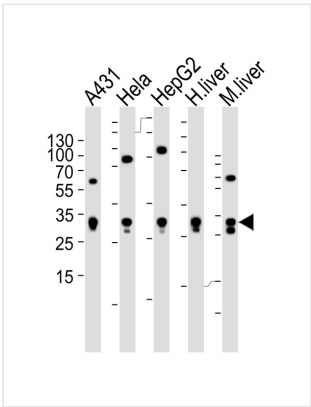
PRODUCT SYNONYMS

ETFA; Polyclonal Antibody; ETFA Antibody (Center); Electron transfer flavoprotein subunit alpha; mitochondrial; Alpha-ETF; anti-ETFA antibody

PRODUCT SPECIFICATIONS

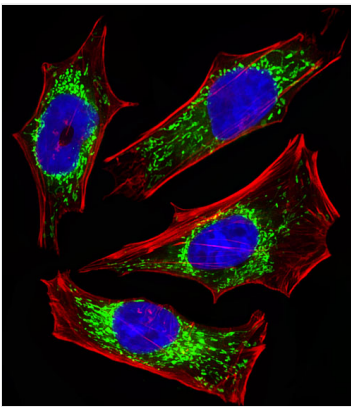
Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Monkey)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ETFA antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 192-226 amino acids from the Central region of human ETFA.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Length	284
Applicable Applications for anti-ETFA antibody	IF (Immunofluorescence), ELISA, WB (Western Blot)
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of lysates from A431, HeLa, HepG2 cell line, human liver and mouse liver tissue lysate(from left to right), using ETFA Antibody (Center). AAA286563 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.



IF (Immunofluorescence)

Fluorescent image of HeLa cells stained with ETFA Antibody (Center). AAA286563 was diluted at 1:25 dilution. An Alexa Fluor 488-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody (green). DAPI was used to stain the cell nuclear (blue). Cytoplasmic actin was counterstained with Alexa Fluor 555 conjugated with Phalloidin (red).

ADDITIONAL INFORMATION

Related Product Information for anti-ETFa antibody	The electron transfer flavoprotein serves as a specific electron acceptor for several dehydrogenases, including five acyl- CoA dehydrogenases, glutaryl-CoA and sarcosine dehydrogenase. It transfers the electrons to the main mitochondrial respiratory chain via ETF-ubiquinone oxidoreductase (ETF dehydrogenase).
Product Categories/Family for anti-ETFa antibody	Cancer; Metabolism; Signal Transduction
References	Finocchiaro G.,et al.J. Biol. Chem. 263:15773-15780(1988). Olsen R.K.J.,et al.Hum. Mutat. 22:12-23(2003). Kalnine N.,et al.Submitted (AUG-2003) to the EMBL/GenBank/DDBJ databases. Ota T.,et al.Nat. Genet. 36:40-45(2004). Zody M.C.,et al.Nature 440:671-675(2006).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503607
NCBI GeneID	2108
NCBI Accession #	NP_000117.1
NCBI GenBank Nucleotide #	NM_000126.3
UniProt Accession #	P13804; Q53XN3; B4DT43
Molecular Weight	35080
NCBI Official Full Name	electron transfer flavoprotein subunit alpha, mitochondrial isoform a
NCBI Official Synonym Full Names	electron-transfer-flavoprotein, alpha polypeptide
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

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/etfa-antibody-immunofluorescence-western-blot-elisa/286563>