

Rabbit ETFDH Polyclonal Antibody | anti-ETFDH antibody

ETFDH Antibody

CATALOG # AAA323219	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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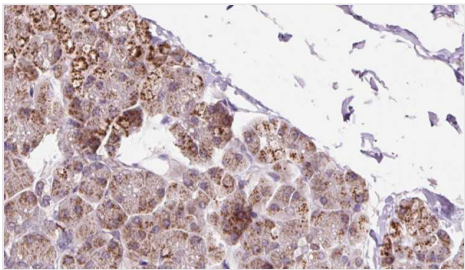
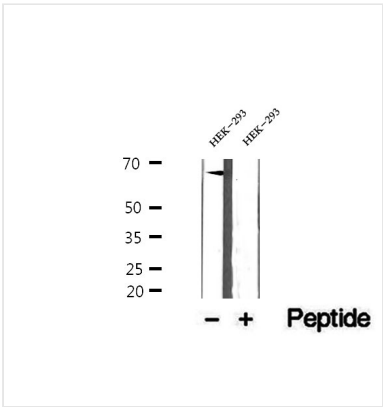
PRODUCT SYNONYMS

ETFDH; Polyclonal Antibody; ETFDH Antibody; Electron transfer flavoprotein ubiquinone oxidoreductase; Electron transfer flavoprotein-ubiquinone oxidoreductase; electron transferring flavoprotein dehydrogenase; Electron-transferring-flavoprotein dehydrogenase; ETF dehydrogenase; ETF QO; ETF ubiquinone oxidoreductase; ETF-QO; ETF-ubiquinone oxidoreductase; ETFD_HUMAN; Etfdh; mitochondrial; anti-ETFDH antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	ETFDH antibody detects endogenous levels of ETFDH.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	570
Applicable Applications for anti-ETFDH antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human ETFDH.
Subcellular Location	Mitochondrion Inner Membrane.
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Xenopus
Similarity	Pig (100%), Zebrafish (91%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (82%), Xenopus (82%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA323219 at 1/100 staining Human pancreas cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

WB (Western Blot)
Western blot analysis of extracts of HEK-293 cells, using ETFDH antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-ETF ₂ antibody	Function: Accepts electrons from ETF and reduces ubiquinone. Subunit Structure: Monomer. Similarity: Belongs to the ETF-QO/FixC family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	528881081
NCBI GeneID	2110
NCBI Accession #	NP_001268666.1
NCBI GenBank Nucleotide #	NM_001281737.1
UniProt Accession #	Q16134; Q7Z347; B4E3R9; J3KND9
Molecular Weight	Observed: 64 kDa Predicted: 69 kDa
NCBI Official Full Name	electron transfer flavoprotein-ubiquinone oxidoreductase, mitochondrial isoform 2
NCBI Official Synonym Full Names	electron transfer flavoprotein dehydrogenase
NCBI Official Symbol	ETF ₂
NCBI Official Synonym Symbols	MADD; ETFQO
NCBI Protein Information	electron transfer flavoprotein-ubiquinone oxidoreductase, mitochondrial
UniProt Protein Name	Electron transfer flavoprotein-ubiquinone oxidoreductase, mitochondrial
UniProt Gene Name	ETF ₂
UniProt Synonym Gene Names	ETF-QO; ETF-ubiquinone oxidoreductase; ETF dehydrogenase

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.