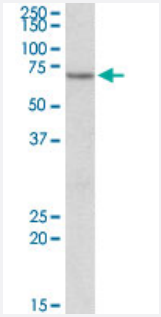
ETFDH polyclonal antibody

Catalog # PAB18552 Size 100 ug

Applications



Western Blot (Tissue lysate)

ETFDH polyclonal antibody (Cat # PAB18552) (1 ug/mL) staining of human kidney lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of ETFDH.
Immunogen	A synthetic peptide corresponding to amino acids at internal region of human ETFDH.
Sequence	C-EHDQPAHLTLRD
Host	Goat
Theoretical MW (kDa)	70
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:2000) Western Blot (1-3 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 0.5 mg/mL Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)

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Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Tissue lysate)

  ETFDH polyclonal antibody (Cat # PAB18552) (1 ug/mL) staining of human kidney lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Gene Info — ETFDH

Entrez GeneID	2110
Protein Accession#	NP_004444.2
Gene Name	ETFDH
Gene Alias	ETFQO, MADD
Gene Description	electron-transferring-flavoprotein dehydrogenase
Omim ID	231675 231680
Gene Ontology	Hyperlink
Gene Summary	Electron-transferring-flavoprotein dehydrogenase in the inner mitochondrial membrane accepts el ectrons from electron-transfer flavoprotein which is located in the mitochondrial matrix and reduce s ubiquinone in the mitochondrial membrane. The protein is synthesized as a 67-kDa precursor w hich is targeted to mitochondria and processed in a single step to a 64-kDa mature form located i n the mitochondrial membrane. Deficiency in electron-transferring-flavoprotein dehydrogenase ha ve been demonstrated in some patients with type II glutaricacidemia. [provided by RefSeq
Other Designations	ETF-ubiquinone oxidoreductase|Electron transfer flavoprotein:ubiquinone oxidoreductase|electro n transfer flavoprotein ubiquinone oxidoreductase

Disease

- Lipid Metabolism Disorders

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- Muscular Diseases

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