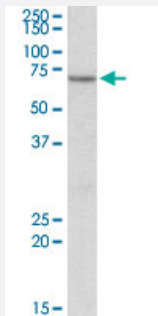


ETFDH polyclonal antibody

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)

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 should be handled by trained staff only.

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.

- Enzyme-linked Immunoabsorbent Assay

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 electrons from electron-transfer flavoprotein which is located in the mitochondrial matrix and reduces ubiquinone in the mitochondrial membrane. The protein is synthesized as a 67-kDa precursor which is targeted to mitochondria and processed in a single step to a 64-kDa mature form located in the mitochondrial membrane. Deficiency in electron-transferring-flavoprotein dehydrogenase have been demonstrated in some patients with type II glutaricacidemia. [provided by RefSeq]

Other Designations

ETF-ubiquinone oxidoreductase|Electron transfer flavoprotein:ubiquinone oxidoreductase|electron transfer flavoprotein ubiquinone oxidoreductase

Disease

- [Lipid Metabolism Disorders](#)

- [Muscular Diseases](#)