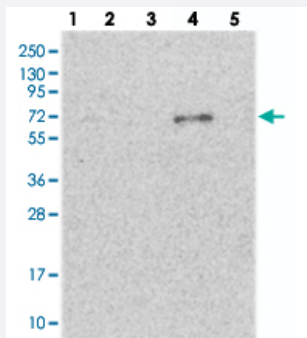


# ETFDH polyclonal antibody

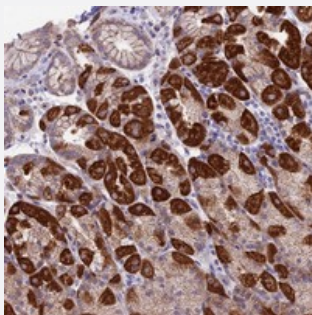
Catalog # PAB23884      Size 100 uL

## Applications



### Western Blot

Western blot analysis of Lane 1: RT-4, Lane 2: U-251 MG, Lane 3: Human Plasma, Lane 4: Liver, Lane 5: Tonsil with ETFDH polyclonal antibody (Cat # PAB23884).



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human stomach with ETFDH polyclonal antibody (Cat # PAB23884) shows strong cytoplasmic positivity in glandular cells.

## Specification

Product Description	Rabbit polyclonal antibody raised against recombinant ETFDH.
Immunogen	Recombinant protein corresponding to amino acids of human ETFDH.
Sequence	LAVAHEKDIRVCLVEKAAQIGAHTLSGACLDPGAFKELFPDWKEKGAPLNTPTVEDRFGILTEKYR IPVPIPLGLPMN
Host	Rabbit
Reactivity	Human
Form	Liquid

Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:200) Western Blot (1:250-1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage 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

Western blot analysis of Lane 1: RT-4, Lane 2: U-251 MG, Lane 3: Human Plasma, Lane 4: Liver, Lane 5: Tonsil with ETFDH polyclonal antibody (Cat # PAB23884).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human stomach with ETFDH polyclonal antibody (Cat # PAB23884) shows strong cytoplasmic positivity in glandular cells.

## Gene Info — ETFDH

Entrez GeneID	<a href="#">2110</a>
Protein Accession#	<a href="#">Q16134</a>
Gene Name	ETFDH
Gene Alias	ETFQO, MADD
Gene Description	electron-transferring-flavoprotein dehydrogenase
Omim ID	<a href="#">231675</a> <a href="#">231680</a>
Gene Ontology	<a href="#">Hyperlink</a>

**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](#)