ETFA Polyclonal Antibody

Catalog Number:E-AB-62733

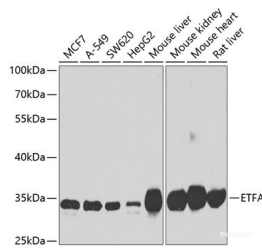*Note:* Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity	Human,Mouse,Rat
Immunogen	Recombinant fusion protein of human ETFA (NP_000117.1).
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Applications

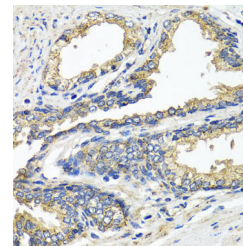| Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:50-1:200

Data
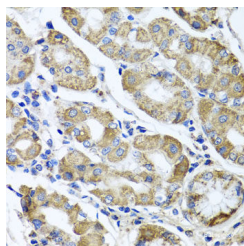

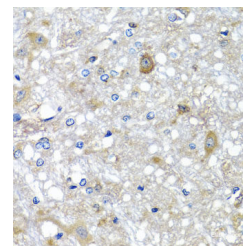Western blot analysis of extracts of various cell lines using ETFA Polyclonal Antibody at dilution of 1:1000.
Observed Mw:35kDa
Calculated Mw:30kDa/35kDa

Immunohistochemistry of paraffin-embedded Human prostate using ETFA Polyclonal Antibody at dilution of 1:100 (40x lens).

Immunohistochemistry of paraffin-embedded Human stomach using ETFA Polyclonal Antibody at dilution of 1:100 (40x lens).

Immunohistochemistry of paraffin-embedded Rat brain using ETFA Polyclonal Antibody at dilution of 1:100 (40x lens).

Preparation & Storage

Storage	Store at -20°C. Avoid freeze / thaw cycles.

Background

ETFA participates in catalyzing the initial step of the mitochondrial fatty acid beta-oxidation. It shuttles electrons between primary flavoprotein dehydrogenases and the membrane-bound electron transfer flavoprotein ubiquinone oxidoreductase.

For Research Use Only

Defects in electron-transfer-flavoprotein have been implicated in type II glutaricaciduria in which multiple acyl-CoA dehydrogenase deficiencies result in large excretion of glutaric, lactic, ethylmalonic, butyric, isobutyric, 2-methyl-butyric, and isovaleric acids. Two transcript variants encoding different isoforms have been found for this gene.