

## ETF A

**Reactivity:** Human Mouse Rat

**Tested applications:** WB IHC IF

**Recommended Dilution:** WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:100

**Calculated MW:** 35kDa

**Observed MW:** Refer to figures

**Immunogen:**

Recombinant protein of human ETF A

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

EMA; GA2; MADD;

**Catalog #:** A7670

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 2108

**Isotype:** IgG

**Swiss Prot:** P13804

**Purity:** Affinity purification

For research use only.

**Background:**

ETF A 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. 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.

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