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Research Use Only. Not for diagnostic or therapeutic use.

EB10177 - Goat Anti-ETFDH Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: electron transfer flavoprotein ubiquinone oxidoreductase, electron-transferring-flavoprotein dehydrogenase, ETF dehydrogenase, ETFQO,

ETF-ubiquinone oxidoreductase, MADD, ETFDH

Official Symbol: ETFDH

Accession Number(s): NP_004444.2

Human GeneID(s): 2110

Non-Human GenelD(s): 66841 (mouse), 295143 (rat)

Immunogen

Peptide with sequence C-EHDQPAHLTLRD, from the internal region of the protein sequence according to NP_004444.2.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:2000.

Western blot: Approx 70kDa band observed in Human, Mouse and Rat Heart lysates (calculated MW of 68.5kDa according to NP_004444.2). Recommended concentration: 1-3μg/ml.

Species Reactivity

Tested: Human, Mouse, Rat

Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB10177 (1 μ g/ml) staining of Human Kidney lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.