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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB10172-B - Goat Anti-ETFB (aa 231-243), Biotinylated Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: electron transfer flavoprotein beta subunit, electron transfer flavoprotein beta-subunit, electron transfer flavoprotein, beta polypeptide, electron-transfer-flavoprotein, beta polypeptide, electron-transferring-flavoprotein, beta polypeptide, FP585, MADD, ETFB

Official Symbol: ETFB

Accession Number(s): NP_001976.1; NP_001014763.1

Human GeneID(s): [2109](#)

Non-Human GeneID(s): 110826 (mouse), 292845 (rat)

Important Comments: This antibody is expected to recognize both reported isoforms (NP_001976.1; NP_001014763.1).

Immunogen

Peptide with sequence C-PQRTAGVKVETTE., from the C Terminus of the protein sequence according to NP_001976.1; NP_001014763.1.

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 1:8000.

Western blot: Approx 27kDa band observed in Mouse Liver lysates (calculated MW of 27.6kDa according to Mouse NP_080971.2). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 0.03-0.1µg/ml.

Species Reactivity

Tested: Human, Mouse, Rat

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



Biotinylated EB10172 (0.03µg/ml) staining of Mouse Liver lysate (35µg protein in RIPA buffer), exactly mirroring its parental non-biotinylated product. Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.