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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 GenelD(s): 2109 Non-Human GenelD(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.

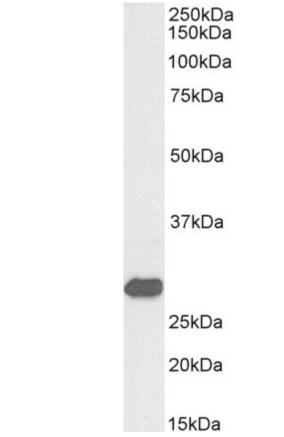
Applications Tested

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.