Goat anti-ETFB (aa 231-243), Biotinylated Antibody

Item Number	dAP-3367

Target Molecule

Principle Name: ETFB (aa 231-243), Biotinylated; Official Symbol: ETFB; All Names and Symbols: ETFB; electron transfer flavoprotein beta subunit; FP585; MADD; beta-ETF; electron transfer flavoprotein beta-subunit; electron transfer flavoprotein, beta polypeptide; electron-transfer-flavoprotein, beta polypeptide; electron-transferring-flavoprotein, ; Accession Number (s): NP_001976.1; NP_001014763.1; Human Gene ID(s): 2109; Non-Human GeneID(s): 110826 (mouse) 292845 (rat)

Immunogen

PQRTAGVKVETTE., is from C Terminus
This antibody is expected to recognize both reported isoforms (NP_001976.1; NP_001014763.1).

Applications

Pep ELISA, WB, IHC

Species Tested: Human, Mouse, Rat

Purification

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

Supplied As

lyophilized powder of 50ug or 100ug IgG; Reconsititute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.

Peptide ELISA

Peptide ELISA: antibody detection limit dilution 1 to 8000.

Western Blot

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.

IHC

Reference

Reference(s): Ohkuma A, Noguchi S, Sugie H, Malicdan MC, Fukuda T, Shimazu K, López LC, Hirano M, Hayashi YK, Nonaka I, Nishino I. Clinical and genetic analysis of lipid storage myopathies. Muscle & nerve 2009 Mar 39 (3): 333-42..PMID: 19208393->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only