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Research Use Only. Not for diagnostic or therapeutic use.

EB10171 - Goat Anti-ETFB / FP585 (aa 152-165) 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 polyp, FP585, MADD, ETFB

Official Symbol: ETFB

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

Human GeneID(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). Amino acid numbering in the name above refers to NP_001976.1).

Immunogen

Peptide with sequence C-QVTLEGDKLKVERE, from the internal region 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 Human, Mouse and Rat Liver lysates (calculated MW of 27.8kDa according to NP_001976.1). Recommended concentration: 1-3µg/ml.

IHC: In paraffin embedded Human Liver shows mitochondrial staining in hepatocytes. Recommended concentration, 3-5µg/ml.

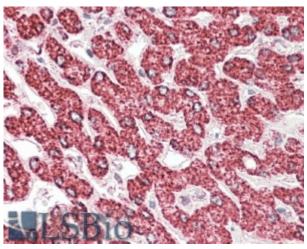
Species Reactivity

Tested: Human, Mouse, Rat

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

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

EB10171 (0.1 μ g/ml) staining of Human Liver lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB10171 (3.8μg/ml) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.