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Research Use Only. Not for diagnostic or therapeutic use.

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

EB06266 - Goat Anti-HADHB Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: mitochondrial trifunctional protein, beta subunit, mitochondrial trifunctional enzyme, beta subunit, hydroxyacyl-Coenzyme A (CoA) dehydrogenase, beta subunit, beta-ketothiolase, acetyl-CoA acyltransferase, 3-ketoacyl-Coenzyme A (CoA) thiolase of mitochondrial trifunctional protein, beta subunit, 2-enoyl-Coenzyme A (CoA) hydratase, beta subunit, TP-BETA, MSTP029, MGC87480, ECHB, MITOCHONDRIAL TRIFUNCTIONAL PROTEIN, BETA SUBUNIT, hydroxyacyl-Coenzyme A dehydrogenase, 3-ketoacyl-Coenzyme A thiolase, hydroxyacyl-Coenzyme A dehydrogenase/3-ketoacyl-Coenzyme A thiolase/enoyl-Coenzyme A hydratase (trifunctional protein), beta subunit, HADH, HADHB
Official Symbol: HADHB
Accession Number(s): NP_000174.1
Human GeneID(s): 3032

Immunogen

Peptide with sequence TILTYPFKNLPT-C, from the N Terminus of the protein sequence according to NP_000174.1.

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 1:4000.
Western blot: Preliminary experiments gave no signal but low background in Human Lung and Jurkat extracts at up to 1µg/ml. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates?

Species Reactivity

Tested:
Expected from sequence similarity: Human

Background Reference

Aoyama T, Wakui K, Orii KE, Hashimoto T, Fukushima Y.
Fluorescence in situ hybridization mapping of the alpha and beta subunits (HADHA and HADHB) of human mitochondrial fatty acid beta-oxidation multienzyme complex to 2p23 and their evolution.
Cytogenet Cell Genet. 1997;79(3-4):221-4.
PMID: 9605857