

Datasheet for ABIN952676
anti-HADHB antibody (C-Term)

2 Images

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Overview

Quantity:	0.4 mL
Target:	HADHB
Binding Specificity:	AA 321-351, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HADHB antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 321~351 amino acids from the C-terminal region of human HADHB
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human HADHB (C-term).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	HADHB
Alternative Name:	HADHB (HADHB Products)
Background:	HADHB encodes the beta subunit of the mitochondrial trifunctional protein, which catalyzes the

Target Details

last three steps of mitochondrial beta-oxidation of long chain fatty acids. The mitochondrial membrane-bound heterocomplex is composed of four alpha and four beta subunits, with the beta subunit catalyzing the 3-ketoacyl-CoA thiolase activity. Mutations in this gene result in trifunctional protein deficiency. The encoded protein can also bind RNA and decreases the stability of some mRNAs. The genes of the alpha and beta subunits of the mitochondrial trifunctional protein are located adjacent to each other in the human genome in a head-to-head orientation. Synonyms: 3-ketoacyl-CoA thiolase, Acetyl-CoA acyltransferase, Beta-ketothiolase, MSTP029, TP-beta, Trifunctional enzyme subunit beta mitochondrial

Molecular Weight: 51294 Da

Gene ID: 3032

NCBI Accession: [NP_000174](#)

Pathways: [Monocarboxylic Acid Catabolic Process](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS containing 0.09 % (W/V) Sodium Azide as preservative

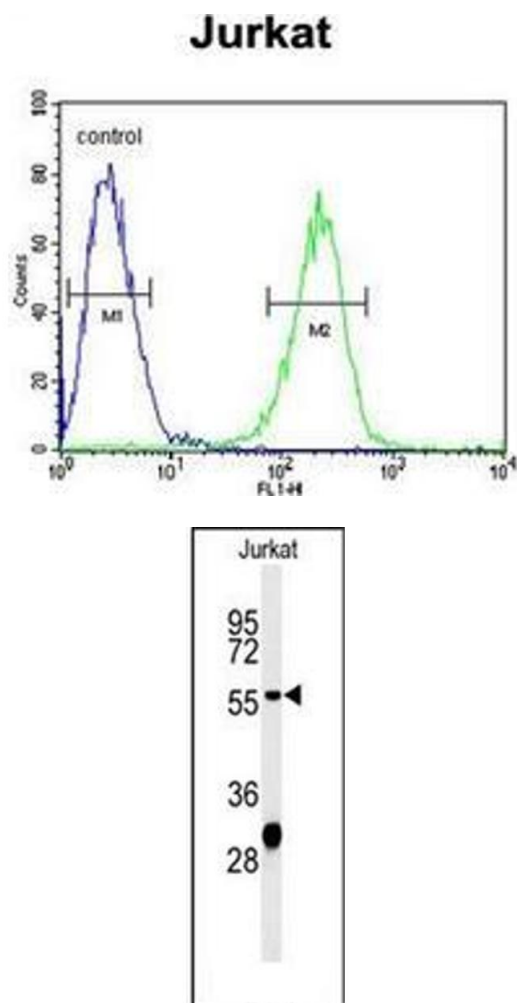
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Flow Cytometry

Image 1. Flow cytometric analysis of Jurkat cells using HADHB Antibody (C-term) Cat.-No AP51996PU-N (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. Western blot analysis of HADHB Antibody (C-term) in Jurkat cell line lysates (35ug/lane). HADHB (arrow) was detected using the purified Pab.