

Datasheet for ABIN653816  
**anti-HADHB antibody (C-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	400 µL
Target:	HADHB
Binding Specificity:	AA 315-342, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HADHB antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

## Product Details

Immunogen:	This HADHB antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 315-342 amino acids from the C-terminal region of human HADHB.
Clone:	RB22183
Isotype:	Ig Fraction
Predicted Reactivity:	B, Pr
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	HADHB
Alternative Name:	HADHB ( <a href="#">HADHB Products</a> )

## Target Details

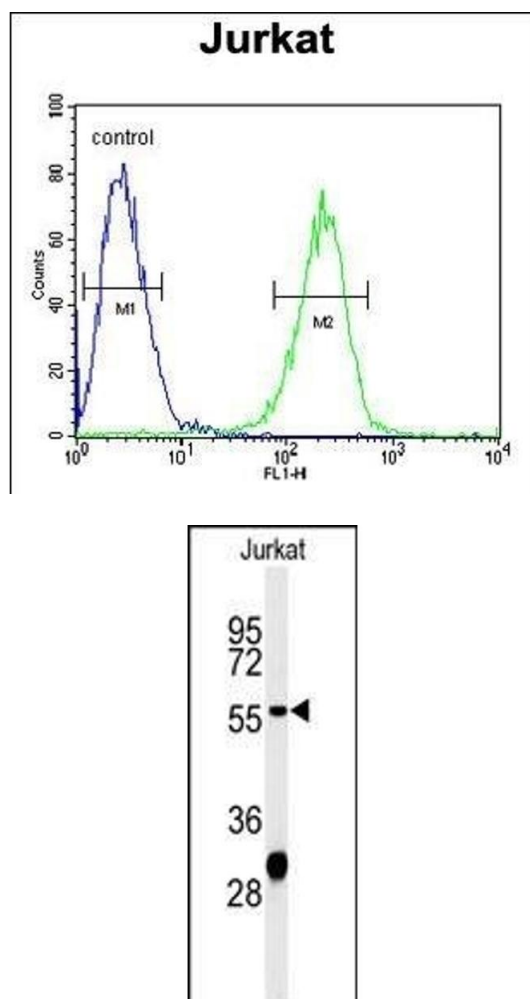
Background:	HADHB encodes the beta subunit of the mitochondrial trifunctional protein, which catalyzes the last three steps of mitochondrial beta-oxidation of long chain fatty acids. The mitochondrial membrane-bound heterocomplex is composed of four alpha and four beta subunits, with the beta subunit 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.
Molecular Weight:	51294
Gene ID:	3032
NCBI Accession:	<a href="#">NP_000174</a> , <a href="#">NP_001268441</a> , <a href="#">NP_001268442</a>
UniProt:	<a href="#">P55084</a>
Pathways:	<a href="#">Monocarboxylic Acid Catabolic Process</a>

## Application Details

Application Notes:	WB: 1:1000. FC: 1:10~50
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



### Flow Cytometry

**Image 1.** HADHB Antibody (C-term) (ABIN653816 and ABIN2843089) flow cytometric analysis of Jurkat cells (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) (ABIN653816 and ABIN2843089) in Jurkat cell line lysates (35 µg/lane). HADHB (arrow) was detected using the purified Pab.