

Datasheet for ABIN7261664

**anti-HADHB antibody****2** Images[Go to Product page](#)

## Overview

Quantity:	200 µL
Target:	HADHB
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HADHB antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant fusion protein of human HADHB (NP_000174.1).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

## Target Details

Target:	HADHB
Alternative Name:	HADHB ( <a href="#">HADHB Products</a> )
Background:	This gene 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. The encoded protein can also bind

## Target Details

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. Mutations in this gene result in trifunctional protein deficiency. Alternatively spliced transcript variants encoding different isoforms have been described.

Molecular Weight: Observed\_MW: 51 kDa  
Calculated\_MW: 48 kDa/51 kDa

Gene ID: 3032

UniProt: [P55084](#)

Pathways: [Monocarboxylic Acid Catabolic Process](#)

## Application Details

Application Notes: WB 1:500-1:2000 IF 1:10-1:100

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 mg/mL

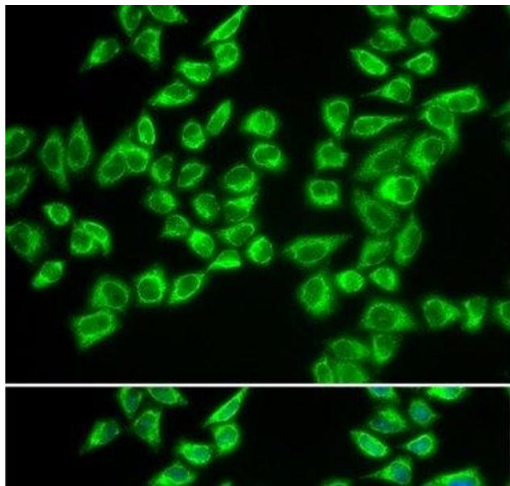
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3

Preservative: Sodium azide

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

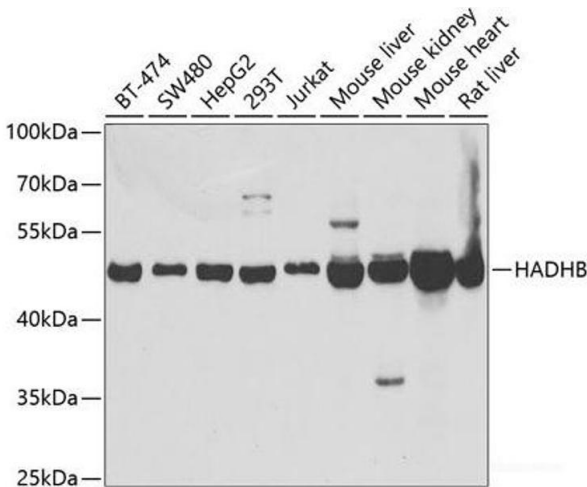
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Immunofluorescence

**Image 1.** Immunofluorescence analysis of A549 cells using HADHB Polyclonal Antibody



Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines using HADHB Polyclonal Antibody at dilution of 1:1000.