

Datasheet for ABIN6217258
anti-HADHA antibody (AA 484-763)



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7 Images

Overview

Quantity:	20 µL
Target:	HADHA
Binding Specificity:	AA 484-763
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HADHA antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunoprecipitation (IP)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 484-763 of human HADHA (NP_000173.2).
Sequence:	IAAVSKRPEK VIGMHYFSPV DKMQLLEIT TEKTSKDTSA SAVAVGLKQG KVIIIVKDGP GFYTTRCLAP MMSEVIRILQ EGVDPKKLDS LTTSFGFPVG AATLVDEGVV DVAKHVAEDL GKVFGERFGG GNPELLTQMV SKGFLGRKSG KGFYIYQEGV KRKDLNSDMD SILASLKLPP KSEVSSDEDI QFRLVTRFVN EAVMCLQEGI LATPAEGDIG AVFGLGFPPC LGGPFRFVDL YGAQKIVDRL KKYEAAYGKQ FTPCQLLADH ANSPNKKFYQ
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies

Product Details

Purification: Affinity purification

Target Details

Target: HADHA

Alternative Name: HADHA ([HADHA Products](#))

Background: This gene encodes the alpha 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 alpha subunit catalyzing the 3-hydroxyacyl-CoA dehydrogenase and enoyl-CoA hydratase activities. Mutations in this gene result in trifunctional protein deficiency or LCHAD deficiency. 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.,HADHA,ECHA,GBP,HADH,LCEH,LCHAD,MTPA,TP-ALPHA,Cancer,Signal Transduction,Endocrine & Metabolism,Mitochondrial metabolism,Mitochondrial markers,Lipid Metabolism,Cardiovascular,Lipids,Fatty Acids,HADHA

Molecular Weight: 28 kDa/83 kDa

Gene ID: 3030

UniProt: [P40939](#)

Pathways: [Monocarboxylic Acid Catabolic Process](#)

Application Details

Application Notes: WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200,IP,1:50 - 1:200

Restrictions: For Research Use only

Handling

Format: Liquid

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

Preservative: Sodium azide

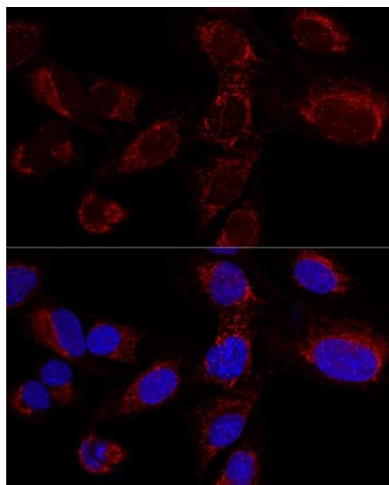
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Handling

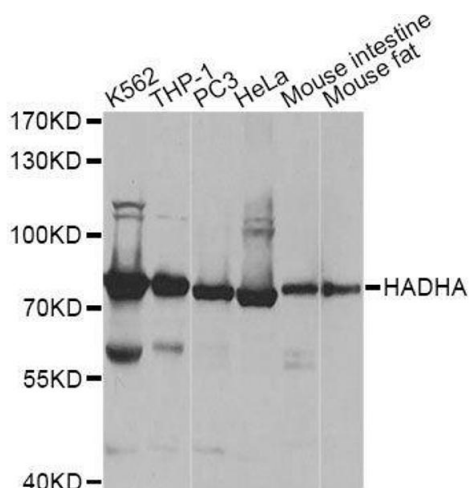
Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

Images



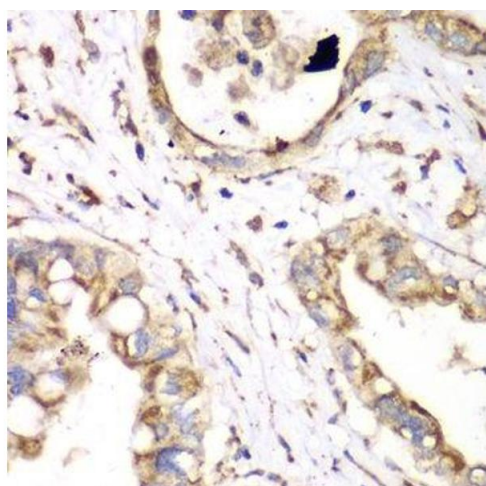
Immunofluorescence

Image 1. Confocal immunofluorescence analysis of U2OS cells using HADHA Polyclonal Antibody (ABIN6131741, ABIN6141585, ABIN6141587 and ABIN6217258) at dilution of 1:100. Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using HADHA antibody.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded human liver cancer using HADHA antibody.

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN6217258.