

[Go to Product page](#)

Datasheet for ABIN6989802 anti-HADHA antibody

Overview

Quantity:	100 µL
Target:	HADHA
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HADHA antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunoprecipitation (IP), Immunofluorescence (Cultured Cells) (IF (cc))

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 484-763 of human HADHA (NP_000173.2).
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	HADHA
Alternative Name:	HADHA (HADHA Products)
Background:	Synonyms: HADHA,ECHA,GBP,HADH,LCEH,LCHAD,MTPA,TP-ALPHA Background: This gene encodes the alpha subunit of the mitochondrial trifunctional protein,

Target Details

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.

Gene ID:	3030
UniProt:	P40939
Pathways:	Monocarboxylic Acid Catabolic Process

Application Details

Application Notes:	WB 1:300-5000 IF(ICC) 1:50-200 IP(1-2 µg) IF()
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months