

Anti-HADHB Antibody
Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18607**Specification**

Anti-HADHB Antibody - Product Information

Application	WB, IHC-P, IF
Primary Accession	P55084
Predicted	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	51294
Dilution	WB~~1:1000 IHC-P~~N/A IF~~1:50~200

Anti-HADHB Antibody - Additional Information**Gene ID** 3032

Alias Symbol	HADHB
Other Names	
HADHB, Acetyl-CoA acyltransferase, Beta-ketothiolase, ECHB, MTPB, MSTP029, TP-BETA	

Target/Specificity
Human HADHB**Reconstitution & Storage**
Affinity purified**Precautions**
Anti-HADHB Antibody is for research use only and not for use in diagnostic or therapeutic procedures.**Anti-HADHB Antibody - Protein Information****Name** HADHB**Function**
Mitochondrial trifunctional enzyme catalyzes the last three of the four reactions of the mitochondrial beta-oxidation pathway (PubMed:29915090, PubMed:30850536, PubMed:8135828). The mitochondrial beta-oxidation pathway is the major energy-producing process in tissues and is performed through four consecutive reactions breaking down fatty acids into acetyl-CoA (PubMed:29915090).

Among the enzymes involved in this pathway, the trifunctional enzyme exhibits specificity for long- chain fatty acids (PubMed:30850536). Mitochondrial trifunctional enzyme is a heterotetrameric complex composed of two proteins, the trifunctional enzyme subunit alpha/HADHA carries the 2,3-enoyl-CoA hydratase and the 3-hydroxyacyl-CoA dehydrogenase activities, while the trifunctional enzyme subunit beta/HADHB described here bears the 3- ketoacyl-CoA thiolase activity (PubMed:29915090, PubMed:30850536, PubMed:8135828).

Cellular Location

Mitochondrion. Mitochondrion inner membrane Mitochondrion outer membrane. Endoplasmic reticulum. Note=Protein stability and association with membranes require HADHA

Anti-HADHB Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-HADHB Antibody - Images