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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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HADHB purified MaxPab mouse polyclonal antibody (B01P) MaxPab®

Catalog # : H00003032-B01P

規格 : [50 ug]

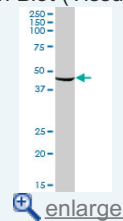
[List All](#)

Specification

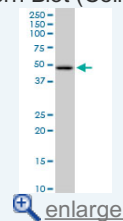
Product Description:	Mouse polyclonal antibody raised against a full-length human HADHB protein.
Immunogen:	HADHB (NP_000174.1, 1 a.a. ~ 474 a.a) full-length human protein.
Sequence:	MTILTYPFKNLPTASKWALRFSIRPLSCSSQLRAAPAVQTKTKKTLAKPNI RNWVVVDGVRTPFLLSGTASYKDLMPHDLARAALTGLLHRTSVPKEVVDYI IFGTVIQEVKTSNVAREEALGAGFSDKTPAHTVTMACISANQAMTTGVGLI ASGQCDVIVAGGVELMSDVPIRHSRKMRLMLDLNKAQSMGQRLSLISKF RFNFLAPELPAVSEFSTSETMGHSADRLAAAFVSRLEQDEYALRSHSL AKKAQDEGLLSDVVPFKVPGKDTVTKDNIGIRPSSLEQMAKLKPAFIKPYG TVTAANSSFLTDGASAMLMAEEKALAMGYKPKAYLRDFMYVSQDPKDQ LLLGPYATPKVLEKAGLTMNDIDAFEFHEAFSGQILANFKAMDSDWFAE NYMGRKTKVGLPPLEKFNWGGSLSLGHPFGATGCRLVMAAANRLRKE GGQYGLVAACAAGGQGHAMIVEAYPK
Host:	Mouse
Reactivity:	Human
Quality Control Testing:	Antibody reactive against mammalian transfected lysate.
Storage Buffer:	In 1x PBS, pH 7.4
Storage Instruction:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
MSDS:	Download
Datasheet:	Download

Application Image

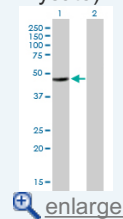
Western Blot (Tissue lysate)



Western Blot (Cell lysate)

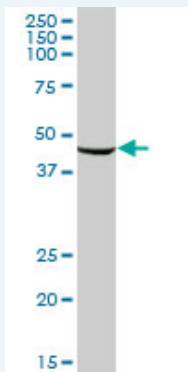


Western Blot (Transfected lysate)



Applications

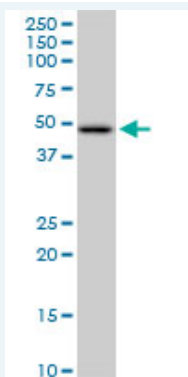
Western Blot (Tissue lysate)




HADHB MaxPab polyclonal antibody. Western Blot analysis of HADHB expression in human liver.

[Protocol Download](#)

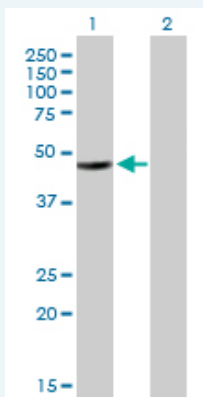
Western Blot (Cell lysate)



HADHB MaxPab polyclonal antibody. Western Blot analysis of HADHB expression in A-431.

 [Protocol Download](#)

Western Blot (Transfected lysate)



Western Blot analysis of HADHB expression in transfected 293T cell line ([H00003032-T02](#)) by HADHB MaxPab polyclonal antibody.

Lane 1: HADHB transfected lysate(52.14 KDa).

Lane 2: Non-transfected lysate.

 [Protocol Download](#)

Gene Information

Entrez GeneID: [3032](#)

GeneBank [NM_000183.2](#)

Accession#:

Protein [NP_000174.1](#)

Accession#:

Gene Name: HADHB

Gene Alias: ECHB,MGC87480,MSTP029,TP-BETA

Gene Description: hydroxyacyl-Coenzyme A dehydrogenase/3-ketoacyl-Coenzyme A thiolase/enoyl-Coenzyme A hydratase (trifunctional protein), beta subunit

Omim ID: [143450](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: 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. 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. Alternatively spliced transcript variants have been found; however, their full-length nature is not known. [provided by RefSeq]

Other Designations: 2-enoyl-Coenzyme A (CoA) hydratase, beta subunit,3-ketoacyl-Coenzyme A (CoA) thiolase of mitochondrial trifunctional protein, beta subunit,acetyl-CoA acyltransferase,beta-ketothiolase,hydroxyacyl-Coenzyme A (CoA) dehydrogenase, beta subunit,mitochondrial

Gene Pathway

[Fatty acid elongation in mitochondria](#) [Fatty acid metabolism](#) [Metabolic pathways](#)
[Valine, leucine and isoleucine degradation](#)

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