

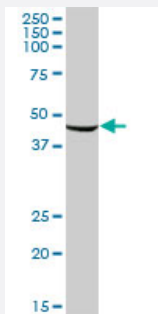
MaxPab®

HADHB purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00003032-B01P

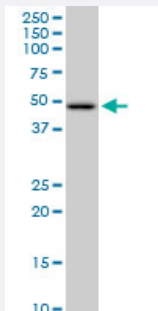
Size 50 ug

Applications



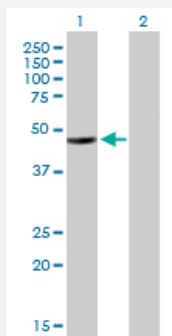
Western Blot (Tissue lysate)

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



Western Blot (Cell lysate)

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



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.

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	MTILTYPFKNLPTASKWALRFSIRPLSCSSQLRAAPAVQTKTKKTLAKPNIRNVVVVDGVRTPFLLS GTSYKDLMPHDLARAALTGLLHRTSVPKEVVDYIIFGTVIQEVKTSNVAREAALGAGFSDKTPAHT VTMACISANQAMTTGVGLIASGQCDVIVAGGVELMSDVPIRHSRKMRLMLDLNKAKSMGQRLSLI SKFRFNFLAPELPAVSEFSTSETMGHSADRLAAFAVSRLEQDEYALRSHSLAKKAQDEGLLSD VVPFKVPGKDTVTKDNGIRPSSLEQMAKLKPAFIKPYGTVTAANSSFLTGDASAMLIMAEKALA MGYKPKAYLRDFMYVSQDPKDQLLLGPTYATPKVLEKAGLTMNDIDAFEFHEAFSGQILANFKAM DSDWFAENYMGRKTKVGLPPELKFNNWGGSLSLGHPFGATGCRLVMAAANRLRKEGGQYGLV ACAAGGQGHAMIVEAYPK
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.

Applications

- Western Blot (Tissue lysate)

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[Protocol Download](#)

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[Protocol Download](#)

Gene Info — HADHB

Entrez GeneID

[3032](#)

GeneBank Accession#	NM_000183.2
Protein Accession#	NP_000174.1
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

Pathway

- [Fatty acid elongation in mitochondria](#)
- [Fatty acid metabolism](#)
- [Metabolic pathways](#)
- [Valine](#)