

DNAxPAb

Hard-to-Find
Antibody

HADHB DNAxPab

Catalog # H00003032-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human HADHB DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence MTTILTYPFKNLPTASKWALRFSIRPLSCSSQLRAAPAVQTKTKKTLAKPNIRNVVVVDGVRTPFLL
SGTSYKDLMPHDLARAALTGLLHRTSVPKEVVYIIFGTVIQEVKTSNVAREAALGAGFSDKTPAH
TVTMACISANQAMTTGVGLIASGQCDVIVAGGVELMSDVPIRHSRKMRLMLDLNKAQSMGQRLS
LISKFRFNFLAPELPAVSEFSTSETMGHSADRLAAAFVSRLEQDEYALRSHSLAKKAQDEGLLS
DVVPFKVPGKDTVTKDNGIRPSSLEQMAKLKPAFIKPYGTVTAANSSFLTGDASAMLIMAEKALA
MGYKPKAYLRDFMYVSQDPKDQLLLGPTYATPKVLEKAGLTMNDIDAFEFHEAFSGQILANFKAM
DSDWFAENYMRKTKVGLPPELKFNNWGGSLSLGHPFGATGCRLVMAAANRLRKEGGQYGLV
AACAAGGQGHAMVEAYPK

Host Rabbit

Reactivity Human

Purification Protein A

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 (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — HADHB

Entrez GeneID	3032
GeneBank Accession#	BC066963
Protein Accession#	no protein_acc
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](#)