

Rabbit HADHB Polyclonal Antibody | anti-HADHB antibody

HADHB Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA280061	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

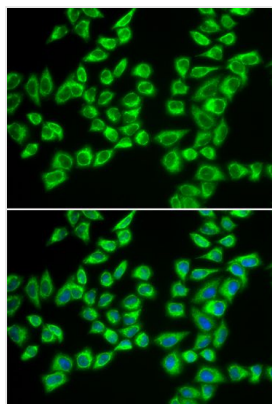
PRODUCT SYNONYMS

HADHB; Polyclonal Antibody; HADHB Polyclonal Antibody; ECHB; MTPB; MSTP029; TP-BETA; anti-HADHB antibody

PRODUCT SPECIFICATIONS

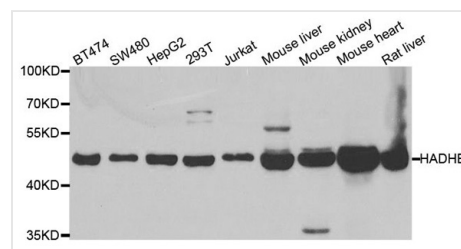
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	474
Applicable Applications for anti-HADHB antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human HADHB
Calculated Molecular Weight	51kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of A549 cells using HADHB antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using HADHB antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-HADHB antibody	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. 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. Mutations in this gene result in trifunctional protein deficiency. Alternatively spliced transcript variants encoding different isoforms have been described.
Product Categories/Family for anti-HADHB antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	116241345
NCBI GeneID	3032
UniProt Accession #	P55084; O14969; Q53TA6; Q96C77; Q9H3F5; Q9T2V8; B2RB16; B4E2W0
Molecular Weight	474
NCBI Official Full Name	Trifunctional enzyme subunit beta, mitochondrial
NCBI Official Synonym Full Names	hydroxyacyl-CoA dehydrogenase/3-ketoacyl-CoA thiolase/enoyl-CoA hydratase (trifunctional protein), beta subunit
NCBI Official Symbol	HADHB
NCBI Official Synonym Symbols	ECHB; MTPB; MSTP029; TP-BETA
NCBI Protein Information	trifunctional enzyme subunit beta, mitochondrial; beta-ketothiolase; acetyl-CoA acyltransferase; 2-enoyl-Coenzyme A (CoA) hydratase, beta subunit; 3-ketoacyl-Coenzyme A (CoA) thiolase of mitochondrial trifunctional protein, beta subunit; hydroxyacyl-Coenzyme A dehydrogenase/3-ketoacyl-Coenzyme A thiolase/enoyl-Coenzyme A hydratase (trifunctional protein), beta subunit
UniProt Protein Name	Trifunctional enzyme subunit beta, mitochondrial
UniProt Gene Name	HADHB
UniProt Entry Name	ECHB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/hadhb-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/280061>