

Rabbit anti-Human, Mouse HADHB Polyclonal Antibody | anti-HADHB antibody

Rabbit anti-HADHB Antibody, Affinity Purified

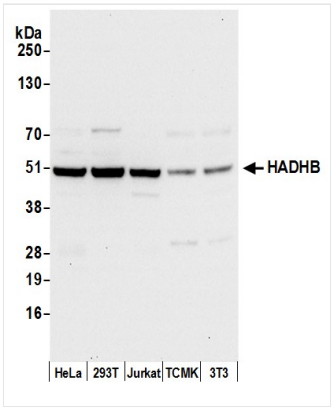
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213063	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

HADHB; Polyclonal Antibody; Rabbit anti-HADHB Antibody; Affinity Purified; hydroxyacyl-CoA dehydrogenase/3-ketoacyl-CoA thiolase/enoyl-CoA hydratase (trifunctional protein); beta subunit; TP-BETA; MTPB; MSTP029; hydroxyacyl-Coenzyme A dehydrogenase/3-ketoacyl-Coenzyme A thiolase/enoyl-Coenzyme A hydratase (trifunctional protein); beta-ketothiolase; acetyl-CoA acyltransferase; 3-ketoacyl-Coenzyme A (CoA) thiolase of mitochondrial trifunctional protein; 3-ketoacyl-CoA thiolase; 2-enoyl-Coenzyme A (CoA) hydratase; trifunctional enzyme subunit beta; mitochondrial; ECHB; Trifunctional enzyme subunit beta; hydroxyacyl-CoA dehydrogenase trifunctional multienzyme complex subunit beta; anti-HADHB antibody

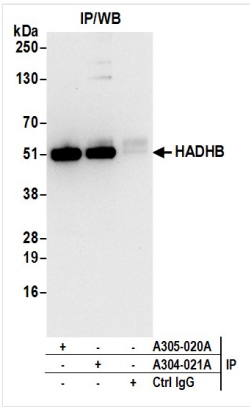
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-HADHB antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Bovine, Chimpanzee
Immunogen	Between 225 and 275
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



WB (Western Blot)

Detection of human and mouse HADHB by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-HADHB antibody AAA213063 (lot AAA213063-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



IP (Immunoprecipitation)

Detection of human HADHB by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-HADHB antibody AAA213063 (lot AAA213063-1) used for IP at 6 ug per reaction. HADHB was also immunoprecipitated by rabbit anti-HADHB antibody For blotting immunoprecipitated HADHB, AAA213063 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-HADHB antibody	HADB is 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 [taken from NCBI Entrez Gene (Gene ID: 3032)].
Product Categories/Family for anti-HADHB antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504327
NCBI GeneID	3032
NCBI Accession #	NP_000174.1
NCBI GenBank Nucleotide #	NM_000183.2
UniProt Accession #	P55084; O14969; Q53TA6; Q96C77; Q9H3F5; Q9T2V8; B2RB16; B4E2W0
Molecular Weight	48,880 Da
NCBI Official Full Name	trifunctional enzyme subunit beta, mitochondrial isoform 1
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
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.

