

Rabbit anti-Human HADHA Polyclonal Antibody | anti-HADHA antibody

Rabbit anti-HADHA Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213211	Rabbit	Human	Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

HADHA; Polyclonal Antibody; Rabbit anti-HADHA Antibody; Affinity Purified; LCEH; trifunctional enzyme subunit alpha; mitochondrial; TP-ALPHA; MTPA; mitochondrial trifunctional enzyme; alpha subunit; long-chain-3-hydroxyacyl-CoA dehydrogenase; Long-chain enoyl-CoA hydratase; LCHAD; HADH; GBP; gastrin-binding protein; ECHA; 78 kDa gastrin-binding protein; 3-oxoacyl-CoA thiolase; 3-ketoacyl-Coenzyme A (CoA) thiolase; long-chain 2-enoyl-CoA hydratase; Trifunctional enzyme subunit alpha; hydroxyacyl-CoA dehydrogenase trifunctional multienzyme complex subunit alpha; anti-HADHA antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
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-HADHA antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 713 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human HADHA by western blot. Samples: Whole cell lysate (15 ug) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-HADHA antibody AAA213211 (lot AAA213211-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



IP (Immunoprecipitation)

Detection of human HADHA 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-HADHA antibody AAA213211 (lot AAA213211-1) used for IP at 6 ug per reaction. HADHA was also immunoprecipitated by rabbit anti-HADHA antibody BL21048. For blotting immunoprecipitated HADHA, AAA213211 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-HADHA antibody	HADHA is the alpha 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 alpha subunit catalyzing the 3-hydroxyacyl-CoA dehydrogenase and enoyl-CoA hydratase activities[taken from NCBI Entrez Gene (Gene ID: 3030)].
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NCBI AND UNIPROT INFORMATION

NCBI GI #	20127408
NCBI GeneID	3030
NCBI Accession #	NP_000173.2
NCBI GenBank Nucleotide #	NM_000182.4
UniProt Accession #	P40939; Q16679; Q53T69; Q53TA2; Q96GT7; Q9UQC5; B2R7L4; B4DYP2
Molecular Weight	28,367 Da
NCBI Official Full Name	trifunctional enzyme subunit alpha, mitochondrial
NCBI Official Synonym Full Names	hydroxyacyl-CoA dehydrogenase/3-ketoacyl-CoA thiolase/enoyl-CoA hydratase (trifunctional protein), alpha subunit
NCBI Official Symbol	HADHA
NCBI Official Synonym Symbols	GBP; ECHA; HADH; LCEH; MTPA; LCHAD; TP-ALPHA
NCBI Protein Information	trifunctional enzyme subunit alpha, mitochondrial
UniProt Protein Name	Trifunctional enzyme subunit alpha, mitochondrial
UniProt Gene Name	HADHA
UniProt Synonym Gene Names	HADH
UniProt Entry Name	ECHA_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://stage.aaabiotech.com/polyclonal/hadha-antibody-immunoprecipitation-western-blot-elisa/213211>