

Rabbit HADHA Polyclonal Antibody | anti-HADHA antibody

HADHA Antibody

CATALOG # AAA326991	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

HADHA; Polyclonal Antibody; HADHA Antibody; 3 ketoacyl Coenzyme A (CoA) thiolase alpha subunit; 3 oxoacyl CoA thiolase; 78 kDa gastrin binding protein; 78 kDa gastrin-binding protein; ECHA; ECHA_HUMAN; GBP; HADH; Hydroxyacyl Coenzyme A dehydrogenase/3 ketoacyl Coenzyme A thiolase/enoyl Coenzyme A hydratase (trifunctional protein) alpha subunit; LCEH; LCHAD; Long chain 3-hydroxyacyl-CoA dehydrogenase; Mitochondrial long chain 2 enoyl Coenzyme A (CoA) hydratase alpha subunit; Mitochondrial long chain L 3 hydroxyacyl Coenzyme A dehydrogenase alpha subunit; Mitochondrial trifunctional enzyme alpha subunit; Mitochondrial trifunctional protein alpha subunit; MTPA; Thiolase/enoyl Coenzyme A hydratase (trifunctional protein) alpha subunit; TP ALPHA; TP-alpha; Trifunctional enzyme subunit alpha mitochondrial precursor; anti-HADHA antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	HADHA antibody detects endogenous levels of total HADHA
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	763
Applicable Applications for anti-HADHA antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human HADHA
Subcellular Location	Mitochondrion.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Chicken, Xenopus
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Chicken (100%), Xenopus (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from rat brain, using HADHA Antibody.



IHC (Immunohistochemistry)

AAA326991 at 1/100 staining Human gastric tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis of Jurkat whole cell lysates, using HADHA Antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-HADHA antibody

Description: This gene encodes 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. Mutations in this gene result in trifunctional protein deficiency or LCHAD deficiency. 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.

Function: Bifunctional subunit.

Subunit Structure: Octamer of 4 alpha (HADHA) and 4 beta (HADHB) subunits.

Similarity: In the N-terminal section; belongs to the enoyl-CoA hydratase/isomerase family.In the central section; belongs to the 3-hydroxyacyl-CoA dehydrogenase family.

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	Observed: 83 kDa Predicted: 83 kDa
NCBI Official Full Name	trifunctional enzyme subunit alpha, mitochondrial
NCBI Official Synonym Full Names	hydroxyacyl-CoA dehydrogenase trifunctional multienzyme complex subunit alpha
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

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-immunohistochemistry-western-blot-elisa/326991>