

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

HADHA Rabbit Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA313393	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot

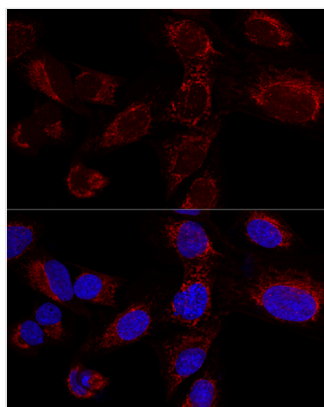
PRODUCT SYNONYMS

HADHA; Polyclonal Antibody; HADHA Rabbit Polyclonal Antibody; ECHA; GBP; HADH; LCEH; LCHAD; MTPA; TP-ALPHA; anti-HADHA antibody

PRODUCT SPECIFICATIONS

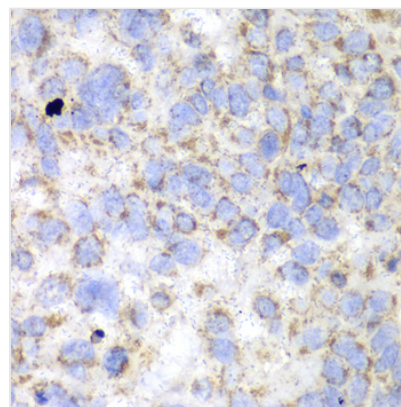
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-HADHA antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human HADHA (NP_000173.2).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



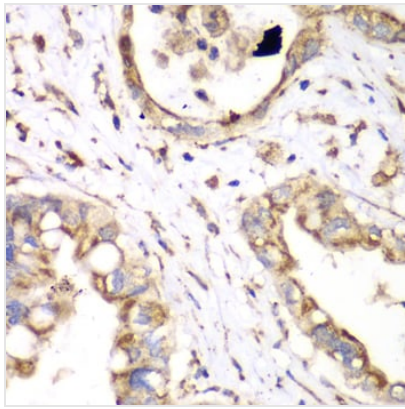
IF (Immunofluorescence)

Confocal immunofluorescence analysis of U2OS cells using HADHA Polyclonal at dilution of 1:100. Blue: DAPI for nuclear staining.



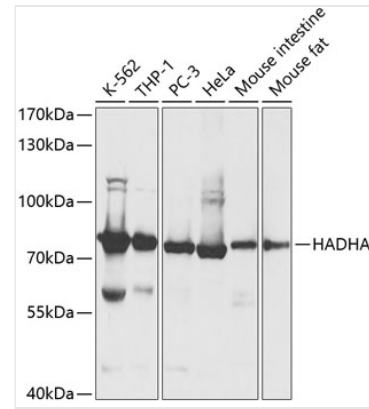
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human esophageal cancer using HADHA at dilution of 1:100 (40x lens).



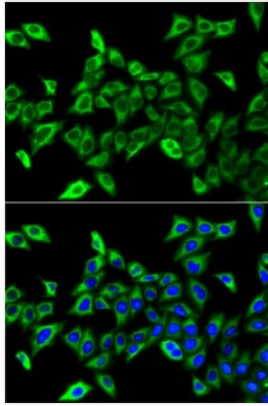
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver cancer using HADHA at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using HADHA at 1:1000 dilution.



IF (Immunofluorescence)

Immunofluorescence analysis of A-549 cells using HADHA. Blue: DAPI for nuclear staining.

ADDITIONAL INFORMATION

Related Product Information for anti-HADHA antibody

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.

Product Categories/Family for anti-HADHA antibody

Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	20127408
NCBI GeneID	3030
NCBI Accession #	NP_000173
NCBI GenBank Nucleotide #	NM_000182
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; 3-ketoacyl-Coenzyme A (CoA) thiolase, alpha subunit; 3-oxoacyl-CoA thiolase; 78 kDa gastrin-binding protein; hydroxyacyl-Coenzyme A dehydrogenase/3-ketoacyl-Coenzyme A thiolase/enoyl-Coenzyme A hydratase
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-immunofluorescence-immunohistochemistry-western-blot-elisa/313393>