

Rabbit HADHA Polyclonal Antibody | anti-HADHA antibody

Anti-HADHA Antibody Picoband

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA19797	Rabbit	Human, Mouse, Rat	ELISA, Flow Cytometry, Functional Assay, Immunofluorescence, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

HADHA; Polyclonal Antibody; Anti-HADHA Antibody Picoband; anti-HADHA antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized. Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Applicable Applications for anti-HADHA antibody	ELISA, FCM/FACS (Flow Cytometry), IF (Immunofluorescence), IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Application Notes	WB: 0.1-0.25ug/ml, Human, Mouse, Rat IHC: 2-5ug/ml, Human ICC/IF: 5ug/ml, Human FC/FACS (Fixed): 1-3ug/1x10 ⁶ cells, Human ELISA: 0.1-0.5ug/ml
Immunogen	E coli-derived human HADHA recombinant protein (Position: R20-N758). Human HADHA shares 86.6% and 95.2% amino acid (aa) sequence identity with mouse and rat HADHA, respectively.
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year from date of receipt. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for six months.Avoid repeated freezing and thawing.

ADDITIONAL INFORMATION

Related Product Information for anti-HADHA antibody	The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Product Categories/Family for anti-HADHA antibody	Primary Antibodies
References	1. Brackett, J. C., Sims, H. F., Rinaldo, P., Shapiro, S., Powell, C. K., Bennett, M. J., Strauss, A. W. Two alpha subunit donor splice site mutations cause human trifunctional protein deficiency. J. Clin. Invest. 95: 2076-2082, 1995.2. Craig, I., Tolley, E., Bobrow, M. A preliminary analysis of the segregation of human hydroxyacyl coenzyme A dehydrogenase in human-mouse somatic cell hybrids. Birth Defects Orig. Art. Ser. XII(7): 114-117, 1976.3. Dionisi Vici, C., Burlina, A. B., Bertini, E., Bachmann, C., Mazziotta, M. R. M., Zacchello, F., Sabetta, G., Hale, D. E. Progressive neuropathy and recurrent myoglobinuria in a child with long-chain 3-hydroxyacyl-coenzyme A dehydrogenase deficiency. J. Pediat. 118: 744-746, 1991.

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.