

Datasheet: VPA00446

BATCH NUMBER 160712

Description:	RABBIT ANTI HADHA
Specificity:	HADHA
Format:	Purified
Product Type:	PrecisionAb Polyclonal
Isotype:	Polyclonal IgG
Quantity:	100 µl

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	▪			1/1000

The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

Target Species

Human

Species Cross Reactivity

Reacts with: Mouse

N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

Product Form

Purified IgG - liquid.

Preparation

Rabbit polyclonal antibody purified by affinity chromatography.

Buffer Solution

Phosphate buffered saline.

Preservative Stabilisers

0.09% Sodium Azide (NaN₃).

Approx. Protein Concentrations	IgG concentration 0.5 mg/ml
Immunogen	KLH conjugated synthetic peptide corresponding to amino acid 737-763 of human HADHA
External Database Links	<p>UniProt: P40939 Related reagents</p> <p>Entrez Gene: 3030 HADHA Related reagents</p>
Synonyms	HADH
Specificity	<p>Rabbit anti Human HADHA antibody recognizes HADHA, also known as 3-ketoacyl-Coenzyme A (CoA) thiolase, alpha subunit, 3-oxoacyl-CoA thiolase, 78 kDa gastrin-binding protein or long-chain-3-hydroxyacyl-CoA dehydrogenase.</p> <p>HADHA 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 HADHA gene result in trifunctional protein deficiency (MTPD). 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 (provided by RefSeq, Jul 2008).</p> <p>Rabbit anti Human HADHA antibody detects a band of 78 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
Western Blotting	Anti HADHA detects a band of approximately 78 kDa in HepG2 cell lysates.
Storage	Store undiluted at -20°C, avoiding repeated freeze thaw cycles.
Guarantee	12 months from date of despatch
Acknowledgements	PrecisionAb is a trademark of Bio-Rad Laboratories
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/VPA00446 Antibody (10040)
Regulatory	For research purposes only.

Related Products

Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [HRP](#)

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To
find a

batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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