

## Datasheet: VPA00446

<b>Description:</b>	RABBIT ANTI HADHA
<b>Specificity:</b>	HADHA
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb Polyclonal
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://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.

<b>Target Species</b>	Human
<b>Species Cross Reactivity</b>	<p>Reacts with: Mouse</p> <p><b>N.B.</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.</p>
<b>Product Form</b>	Purified IgG - liquid.
<b>Preparation</b>	Rabbit polyclonal antibody purified by affinity chromatography.
<b>Buffer Solution</b>	Phosphate buffered saline.
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> ).
<b>Approx. Protein</b>	IgG concentration 0.5 mg/ml

## Concentrations

**Immunogen** KLH conjugated synthetic peptide corresponding to amino acid 737-763 of human HADHA

## External Database Links

**UniProt:**

[P40939](#)   [Related reagents](#)

**Entrez Gene:**

[3030](#)   HADHA   [Related reagents](#)

**Synonyms** HADH

**Specificity** **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.

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).

Rabbit anti Human HADHA antibody detects a band of 78 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

**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: Antibody (10040): <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

**Regulatory** For research purposes only.

## Related Products

### Recommended Secondary Antibodies

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

**North & South America** Tel: +1 800 265 7376  
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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](https://bio-rad-antibodies.com/datasheets)

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