

## Product datasheet for **TA337871**

### HIBADH Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-HIBADH antibody: synthetic peptide directed towards the middle region of human HIBADH. Synthetic peptide located within the following region: AKEVEKMGAVFMDAPVSGGVGAARSGNLTFMVGGVVEDEFAAAQELLGCMG
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	35 kDa
Gene Name:	3-hydroxyisobutyrate dehydrogenase
Database Link:	<a href="#">NP_689953</a> <a href="#">Entrez Gene 11112 Human</a> <a href="#">P31937</a>



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**Background:**

3-hydroxyisobutyrate dehydrogenase (3-hydroxy-2-methylpropanoate:NAD(+) oxidoreductase, EC 1.1.1.31) is a dimeric mitochondrial enzyme that catalyzes the NAD(+)-dependent, reversible oxidation of 3-hydroxyisobutyrate, an intermediate of valine catabolism, to methylmalonate semialdehyde. 3-hydroxyisobutyrate dehydrogenase (3-hydroxy-2-methylpropanoate:NAD(+) oxidoreductase, EC 1.1.1.31) is a dimeric mitochondrial enzyme that catalyzes the NAD(+)-dependent, reversible oxidation of 3-hydroxyisobutyrate, an intermediate of valine catabolism, to methylmalonate semialdehyde. [supplied by OMIM].  
PRIMARYREFSEQ\_SPAN PRIMARY\_IDENTIFIER PRIMARY\_SPAN COMP 1-557 BQ051350.1 1-557 558-1832 BC020167.1 437-1711 1833-1970 BC013855.1 1224-1361 1971-1994 BC020167.1 1850-1873 1995-2006 BC013855.1 1386-1397

**Synonyms:**

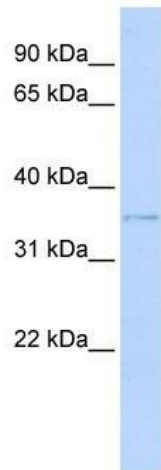
NS5ATP1

**Note:**

Immunogen Sequence Homology: Dog: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Zebrafish: 92%

**Protein Pathways:**

Metabolic pathways, Valine, leucine and isoleucine degradation

**Product images:**

WB Suggested Anti-HIBADH Antibody Titration:  
0.2-1 ug/ml; ELISA Titer: 1: 62500; Positive  
Control: Jurkat cell lysate