

HIBADH Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17874a**Specification**

HIBADH Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	P31937
Other Accession	NP_689953.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	35329
Antigen Region	1-30

HIBADH Antibody (N-term) - Additional Information**Gene ID** 11112**Other Names**

3-hydroxyisobutyrate dehydrogenase, mitochondrial, HIBADH, HIBADH

Target/Specificity

This HIBADH antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human HIBADH.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

HIBADH Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

HIBADH Antibody (N-term) - Protein Information**Name** HIBADH**Cellular Location**

Mitochondrion.

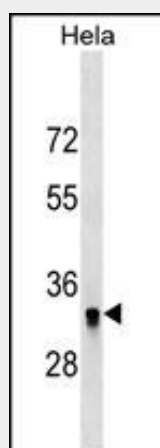
Tissue Location

Detected in skin fibroblasts.

HIBADH Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

HIBADH Antibody (N-term) - Images

HIBADH Antibody (N-term) (Cat. #AP17874a) western blot analysis in HeLa cell line lysates (35ug/lane). This demonstrates the HIBADH antibody detected the HIBADH protein (arrow).

HIBADH Antibody (N-term) - 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.

HIBADH Antibody (N-term) - References

Wheeler, H.E., et al. PLoS Genet. 5 (10), E1000685 (2009) :
Rougraff, P.M., et al. J. Biol. Chem. 264(10):5899-5903(1989)
Rougraff, P.M., et al. J. Biol. Chem. 263(1):327-331(1988)
ROBINSON, W.G., et al. J. Biol. Chem. 225(1):511-521(1957)