10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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

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.

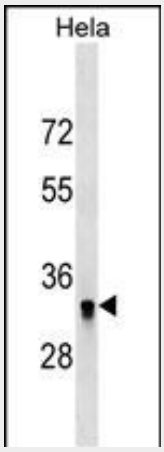
Tissue Location
Detected in skin fibroblasts.

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 Cytomety
- 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)