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

HIBADH Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP17874a

Specification

HIBADH Antibody (N-term) Blocking Peptide - Product Information

Primary Accession	P31937

HIBADH Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 11112

Other Names
3-hydroxyisobutyrate dehydrogenase, mitochondrial, HIBADH, HIBADH

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

HIBADH Antibody (N-term) Blocking Peptide - Protein Information

Name HIBADH

Cellular Location
Mitochondrion.

Tissue Location
Detected in skin fibroblasts.

HIBADH Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

HIBADH Antibody (N-term) Blocking Peptide - Images

HIBADH Antibody (N-term) Blocking Peptide - Background

3-hydroxyisobutyrate dehydrogenase(3-hydroxy-2-methylpropanoate:NAD(+) oxidoreductase, EC 1.1.1.31)is a dimeric mitochondrial enzyme that catalyzes theNAD(+)-dependent, reversible

oxidation of 3-hydroxyisobutyrate, anintermediate of valine catabolism, to methylmalonatesemialdehyde.

HIBADH Antibody (N-term) Blocking Peptide - 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)