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

PDHB Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP2921a

Specification

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

Primary Accession	P11177

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

Gene ID 5162

Other Names
Pyruvate dehydrogenase E1 component subunit beta, mitochondrial, PDHE1-B, PDHB, PHE1B

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP2921a was selected from the N-term region of human PDHB. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

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

Name PDHB

Synonyms PHE1B

Function
The pyruvate dehydrogenase complex catalyzes the overall conversion of pyruvate to acetyl-CoA and CO(2), and thereby links the glycolytic pathway to the tricarboxylic cycle.

Cellular Location
Mitochondrion matrix.

PDHB Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

PDHB Antibody (N-term) Blocking Peptide - Images

PDHB Antibody (N-term) Blocking Peptide - Background

The pyruvate dehydrogenase complex catalyzes the overall conversion of pyruvate to acetyl-CoA and CO2. It contains multiple copies of three enzymatic components: pyruvate dehydrogenase (E1), dihydrolipoamide acetyltransferase (E2) and lipoamide dehydrogenase (E3).

PDHB Antibody (N-term) Blocking Peptide - References

Okajima,K., et.al., Mol. Genet. Metab. 93 (4), 371-380 (2008)