

# 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 <a

href=/products/AP2921a>AP2921a</a> 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**

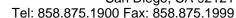
The pyruvate dehydrogenase complex catalyzes the overall conversion of pyruvate to acetyl-CoA and CO(2), and thereby links the glycolytic pathway to the tricarboxylic cycle.

### **Cellular Location**

Mitochondrion matrix.

### PDHB Antibody (N-term) Blocking Peptide - Protocols







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)