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PDHA2 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP10756c

Specification

PDHA2 Antibody (Center) Blocking peptide - Product Information

Primary Accession P29803

PDHA2 Antibody (Center) Blocking peptide - Additional Information

Gene ID 5161

Other Names
Pyruvate dehydrogenase E1 component subunit alpha, testis-specific form, mitochondrial, PDHE1-A type II, PDHA2, PDHAL

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.

PDHA2 Antibody (Center) Blocking peptide - Protein Information

Name PDHA2

Synonyms PDHAL

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.

Tissue Location
Testis. Expressed in postmeiotic spermatogenic cells.

PDHA2 Antibody (Center) Blocking peptide - Protocols

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

- Blocking Peptides

PDHA2 Antibody (Center) Blocking peptide - Images

PDHA2 Antibody (Center) Blocking peptide - Background

The pyruvate dehydrogenase complex catalyzes the overall conversion of pyruvate to acetyl-CoA and CO(2). It contains multiple copies of three enzymatic components: pyruvate dehydrogenase (E1), dihydrolipoamide acetyltransferase (E2) and lipoamide dehydrogenase (E3).

PDHA2 Antibody (Center) Blocking peptide - References

Pinheiro, A., et al. Mol. Genet. Metab. 99(4):425-430(2010)Olsen, J.V., et al. Cell 127(3):635-648(2006)Olsen, J.V., et al. Cell 127(3):635-648(2006)Caruso, M., et al. J. Biol. Chem. 276(48):45088-45097(2001)Jacobia, S.J., et al. Arch. Biochem. Biophys. 395(1):121-128(2001)