

Pyruvate Dehydrogenase Phosphatase 2 (PDP 2) Blocking Peptide
Catalog # PBV10456b**Specification**

Pyruvate Dehydrogenase Phosphatase 2 (PDP 2) Blocking Peptide - Product Information

Primary Accession	O9P0J1
Other Accession	NP_001155251.1
Gene ID	54704
Calculated MW	61054

Pyruvate Dehydrogenase Phosphatase 2 (PDP 2) Blocking Peptide - Additional Information**Gene ID** 54704**Application & Usage**

The peptide is used for blocking the antibody activity of Pyruvate Dehydrogenase Phosphatase 2 (PDP 2). It usually blocks the antibody activity completely in Western blot analysis by incubating the peptide with equal volume of antibody for 30-60 minutes at 37°C.

Other Names

[Pyruvate dehydrogenase [acetyl-transferring]]-phosphatase 1, mitochondrial, PDP 1, 3.1.3.43, Protein phosphatase 2C, Pyruvate dehydrogenase phosphatase catalytic subunit 1, PDPC 1, PDP1, PDP, PPM2C

Target/Specificity

Pyruvate Dehydrogenase Phosphatase 2 (PDP 2)

Formulation

50 µg (0.5 mg/ml) in phosphate buffered saline (PBS), pH 7.2, containing 50% glycerol, 1% BSA and 0.02% thimerosal.

Reconstitution & Storage

-20 °C

Background Descriptions**Precautions**

Pyruvate Dehydrogenase Phosphatase 2 (PDP 2) Blocking Peptide is for research use only and not for use in diagnostic or therapeutic procedures.

Pyruvate Dehydrogenase Phosphatase 2 (PDP 2) Blocking Peptide - Protein Information**Name** PDP1 ([HGNC:9279](#))

Synonyms PDP, PPM2C

Function

Mitochondrial enzyme that catalyzes the dephosphorylation and concomitant reactivation of the alpha subunit of the E1 component of the pyruvate dehydrogenase complex (PDC), thereby stimulating the conversion of pyruvate into acetyl-CoA.

Cellular Location

Mitochondrion.

Pyruvate Dehydrogenase Phosphatase 2 (PDP 2) Blocking Peptide - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Pyruvate Dehydrogenase Phosphatase 2 (PDP 2) Blocking Peptide - Images