

PGP Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP9853a**Specification**

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

Primary Accession [A6NDG6](#)

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

Gene ID 283871

Other Names

Phosphoglycolate phosphatase, PGP, PGPase, PGP

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.

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

Name PGP ([HGNC:8909](#))

Function

Glycerol-3-phosphate phosphatase hydrolyzing glycerol-3- phosphate into glycerol. Thereby, regulates the cellular levels of glycerol-3-phosphate a metabolic intermediate of glucose, lipid and energy metabolism. Was also shown to have a 2-phosphoglycolate phosphatase activity and a tyrosine-protein phosphatase activity. However, their physiological relevance is unclear (PubMed:26755581). In vitro, has also a phosphatase activity toward ADP, ATP, GDP and GTP (By similarity).

Tissue Location

Detected in all tissues including red cells, lymphocytes and cultured fibroblasts (at protein level). The highest activities occur in skeletal muscle and cardiac muscle

PGP Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

PGP Antibody (N-term) Blocking Peptide - Images**PGP Antibody (N-term) Blocking Peptide - References**

Garcia, M.G., et al. Leuk. Res. 33(2):288-296(2009) Lin, Y.C., et al. Ther Drug Monit 28(5):668-672(2006) de Leon, J., et al. J Clin Psychopharmacol 25(5):448-456(2005) Turzanski, J., et al. Exp. Hematol. 33(1):62-72(2005)