

# 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:<a href="http://www.uniprot.org/citations/26755581" target="\_blank">26755581</a>). In vitro, has also a phosphatase activity toward ADP, ATP, GDP and GTP (By similarity).

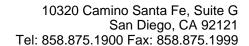
# **Tissue Location**

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)