10320 Camino Santa Fe, Suite G
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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

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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)