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PHPT1 Antibody(N-term) Blocking Peptide

Synthetic peptide
Catalog # BP2721a

Specification

PHPT1 Antibody(N-term) Blocking Peptide - Product Information

Primary Accession Q9NRX4

PHPT1 Antibody(N-term) Blocking Peptide - Additional Information

Gene ID 29085

Other Names
14 kDa phosphohistidine phosphatase, 313-, Phosphohistidine phosphatase 1, Protein janus-A homolog, PHPT1, PHP14

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP2721a was selected from the region of human PHPT1. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

PHPT1 Antibody(N-term) Blocking Peptide - Protein Information

Name PHPT1

Synonyms PHP14

Function
Exhibits phosphohistidine phosphatase activity.

Cellular Location
Cytoplasm.

Tissue Location
Expressed abundantly in heart and skeletal muscle.

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PHPT1 Antibody(N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

PHPT1 Antibody(N-term) Blocking Peptide - Images

PHPT1 Antibody(N-term) Blocking Peptide - Background

PHPT1 is an EDTA-insensitive phosphohistidine phosphatase that catalyzes the dephosphorylation of phosphopeptide I (Ek etal., 2002 [PubMed 12383260]).[supplied by OMIM].

PHPT1 Antibody(N-term) Blocking Peptide - References

Lim,J., Cell 125 (4), 801-814 (2006)Mehrle,A., Nucleic Acids Res. 34 (DATABASE ISSUE), D415-D418 (2006)Ma,R.,Biochem. Biophys. Res. Commun. 337 (3), 887-891 (2005)