

Phospho-PHPT1(Y113) Antibody Blocking peptide
Synthetic peptide
Catalog # BP3583a

Specification

Phospho-PHPT1(Y113) Antibody Blocking peptide - Product Information

Primary Accession [Q9NRX4](#)

Phospho-PHPT1(Y113) Antibody 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 [AP3583a](/products/AP3583a) was selected from the region of human Phospho-PHPT1-pY113. 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.

Phospho-PHPT1(Y113) Antibody 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.

Phospho-PHPT1(Y113) Antibody Blocking peptide - Protocols

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

- [Blocking Peptides](#)

Phospho-PHPT1(Y113) Antibody Blocking peptide - Images**Phospho-PHPT1(Y113) Antibody Blocking peptide - Background**

PHPT1 is an EDTA-insensitive phosphohistidine phosphatase that catalyzes the dephosphorylation of phosphopeptide I.

Phospho-PHPT1(Y113) Antibody Blocking peptide - References

Rikova K, et al. (2007) Cell 131, 1190-203