

PHTNS Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP9994a

Specification

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

Primary Accession [Q6NYC8](#)

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

Gene ID 170954

Other Names

Phostensin, Protein phosphatase 1 F-actin cytoskeleton-targeting subunit, Protein phosphatase 1 regulatory subunit 18, PPP1R18, HKMT1098, KIAA1949

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.

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

Name PPP1R18

Synonyms HKMT1098, KIAA1949

Function

[Isoform 1]: May target protein phosphatase 1 to F-actin cytoskeleton.

Cellular Location

[Isoform 1]: Cytoplasm, cytoskeleton

Tissue Location

Isoform 4 is predominantly expressed in leukocytes and spleen.

PHTNS Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

PHTNS Antibody (N-term) Blocking Peptide - Images**PHTNS Antibody (N-term) Blocking Peptide - Background**

PHTNS interacts with regulatory subunits that target the enzyme to different cellular locations and change its activity toward specific substrates. Phostensin is a regulatory subunit that targets PP1 to F-actin cytoskeleton□

PHTNS Antibody (N-term) Blocking Peptide - References

Lai, N.S., et al. Biochem. Biophys. Res. Commun. 387(4):676-681(2009)Barcellos, L.F., et al. PLoS Genet. 5 (10), E1000696 (2009) Kao, S.C., et al. Biochem. Biophys. Res. Commun. 356(3):594-598(2007)