

PPP3R1 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP9109a**Specification**

PPP3R1 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [P63098](#)**PPP3R1 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 5534**Other Names**

Calcineurin subunit B type 1, Protein phosphatase 2B regulatory subunit 1, Protein phosphatase 3 regulatory subunit B alpha isoform 1, PPP3R1, CNA2, CNB

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP9109a](/products/AP9109a) was selected from the N-term region of human PPP3R1. 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.

PPP3R1 Antibody (N-term) Blocking Peptide - Protein Information**Name** PPP3R1**Synonyms** CNA2, CNB**Function**

Regulatory subunit of calcineurin, a calcium-dependent, calmodulin stimulated protein phosphatase. Confers calcium sensitivity.

Cellular Location

Cytoplasm, cytosol {ECO:0000250|UniProtKB:Q63810}. Cell membrane {ECO:0000250|UniProtKB:Q63810}. Cell membrane, sarcolemma {ECO:0000250|UniProtKB:Q63810}. Cell membrane; Lipid-anchor. Note=Translocates from the cytosol to the sarcolemma in a CIB1-dependent manner during cardiomyocyte hypertrophy. {ECO:0000250|UniProtKB:Q63810}

PPP3R1 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

PPP3R1 Antibody (N-term) Blocking Peptide - Images**PPP3R1 Antibody (N-term) Blocking Peptide - Background**

PPP3R1 is regulatory subunit of calcineurin, a calcium-dependent, calmodulin stimulated protein phosphatase. Confers calcium sensitivity.

PPP3R1 Antibody (N-term) Blocking Peptide - References

Yerges,L.M., et.al., J. Bone Miner. Res. 24 (12), 2039-2049 (2009)Rodriguez,A., et.al., Mol. Cell 33 (5), 616-626 (2009)