

**PPP1R1C Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP18719a****Specification**

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**PPP1R1C Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [Q8WV17](#)**PPP1R1C Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 151242**Other Names**

Protein phosphatase 1 regulatory subunit 1C, Inhibitor-5 of protein phosphatase 1, IPP5, PPP1R1C

**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.

**PPP1R1C Antibody (N-term) Blocking Peptide - Protein Information****Name** PPP1R1C**Function**

May increase cell susceptibility to TNF-induced apoptosis.

**Cellular Location**

Cytoplasm.

**PPP1R1C Antibody (N-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**PPP1R1C Antibody (N-term) Blocking Peptide - Images****PPP1R1C Antibody (N-term) Blocking Peptide - Background**

Protein phosphatase-1 (PP1) is a major serine/threoninephosphatase that regulates a variety of cellular functions. PP1 consists of a catalytic subunit (see PPP1CA; MIM 176875) and regulatory

subunits that determine the subcellular localization of PP1 or regulate its function. PPP1R1C belongs to a group of PP1 inhibitory subunits that are themselves regulated by phosphorylation (Wang et al., 2008 [PubMed 18310074]). [supplied by OMIM].

#### **PPP1R1C Antibody (N-term) Blocking Peptide - References**

Dick, D.M., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. (2010) In press : Rose, J. Phd, et al. Mol. Med. (2010) In press : Zeng, Q., et al. Biotechnol. Appl. Biochem. 54(4):231-238 (2009) Wang, X., et al. J. Biol. Chem. 283(18):12076-12084 (2008) Ceulemans, H., et al. Bioessays 24(4):371-381 (2002)