

PPM1G Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP14396a**Specification**

PPM1G Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [O15355](#)**PPM1G Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 5496**Other Names**

Protein phosphatase 1G, Protein phosphatase 1C, Protein phosphatase 2C isoform gamma, PP2C-gamma, Protein phosphatase magnesium-dependent 1 gamma, PPM1G, PPM1C

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.

PPM1G Antibody (N-term) Blocking Peptide - Protein Information**Name** PPM1G**Synonyms** PPM1C**Cellular Location**

Cytoplasm. Membrane; Lipid-anchor

Tissue Location

Widely expressed. Most abundant in testis, skeletal muscle, and heart

PPM1G Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

PPM1G Antibody (N-term) Blocking Peptide - Images**PPM1G Antibody (N-term) Blocking Peptide - Background**

The protein encoded by this gene is a member of the PP2C family of Ser/Thr protein phosphatases. PP2C family members are known to be negative regulators of cell stress response pathways. This phosphatase is found to be responsible for the dephosphorylation of Pre-mRNA splicing factors, which is important for the formation of functional spliceosome. Studies of a similar gene in mice suggested a role of this phosphatase in regulating cell cycle progression.

PPM1G Antibody (N-term) Blocking Peptide - References

Dick, D.M., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 153B (6), 1179-1188 (2010) :Suh, E.J., et al. Biochem. Biophys. Res. Commun. 386(3):467-470(2009) Petri, S., et al. J. Cell Biol. 179(3):451-465(2007) Allemand, E., et al. Nat. Struct. Mol. Biol. 14(7):630-638(2007) Matsuoka, S., et al. Science 316(5828):1160-1166(2007)