

**PPM1G Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP8434b**

**Specification**

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**PPM1G Antibody (Center) Blocking Peptide - Product Information**

Primary Accession [O15355](#)

**PPM1G Antibody (Center) 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

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP8434b](/product/products/AP8434b) was selected from the Center region of human PPM1G. 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.

**PPM1G Antibody (Center) 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 (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**PPM1G Antibody (Center) Blocking Peptide - Images**

**PPM1G Antibody (Center) Blocking Peptide - Background**

PPM1G 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.