

PPM1G Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP8434c**Specification**

PPM1G Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [O15355](#)**PPM1G Antibody (C-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

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP8434c](/product/products/AP8434c) was selected from the C-term 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 (C-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 (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

PPM1G Antibody (C-term) Blocking Peptide - Images

PPM1G Antibody (C-term) 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.