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PPM1G Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP8434b

Specification

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 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

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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.