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PPM1G Antibody (Center)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP8434b

Specification

PPM1G Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	O15355
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**59272**
Antigen Region	**150-180**

PPM1G Antibody (Center) - 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
This PPM1G antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 150-180 amino acids from the Central region of human PPM1G.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
PPM1G Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

PPM1G Antibody (Center) - Protein Information

Name PPM1G

Synonyms PPM1C

Cellular Location
Cytoplasm. Membrane; Lipid-anchor

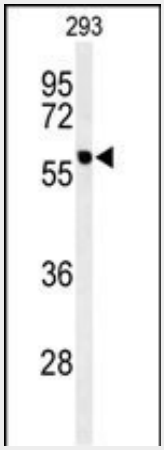
Tissue Location
Widely expressed. Most abundant in testis, skeletal muscle, and heart

PPM1G Antibody (Center) - Protocols

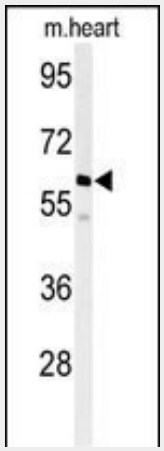
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

PPM1G Antibody (Center) - Images



Western blot analysis of hPPM1G-C164 (Cat. #AP8434b) in 293 cell line lysates (35ug/lane). PPM1G (arrow) was detected using the purified Pab.



Western blot analysis of hPPM1G-C164 (Cat. #AP8434b) in mouse heart tissue lysates

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(35ug/lane). PPM1G (arrow) was detected using the purified Pab.

PPM1G Antibody (Center) - 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.