

## PPM1G

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**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC

**Recommended Dilution:**WB 1:200 - 1:2000 IHC 1:20 - 1:200

**Calculated MW:**59kDa

**Observed MW:**Refer to figures

**Immunogen:**

A synthetic Peptide of human PPM1G

**Storage Buffer:**

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

PP2CG; PPP2CG; PP2CGAMMA;

**Catalog #:**A4034

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**5496

**Isotype:**IgG

**Swiss Prot:**O15355

**Purity:**Affinity purification

For research use only.

**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.

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