

## Protein Phosphatase, Mg<sup>2+</sup>/Mn<sup>2+</sup> Dependent 1G (PPM1G) Antibody

Catalogue No.: abx033951



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.

**Target:** Protein Phosphatase, Mg<sup>2+</sup>/Mn<sup>2+</sup> Dependent 1G (PPM1G)

**Clonality:** Polyclonal

**Reactivity:** Human, Mouse

**Tested Applications:** ELISA, WB

**Host:** Rabbit

**Recommended dilutions:** WB: 1/1000. Optimal dilutions/concentrations should be determined by the end user.

**Conjugation:** Unconjugated

**Immunogen:** KLH-conjugated synthetic peptide between 150-180 amino acids from the Central region of human PPM1G.

**Isotype:** IgG

**Form:** Liquid

# Datasheet

Version: 3.0.0

Revision date: 18 Jul 2025



<b>Purification:</b>	Purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
<b>Storage:</b>	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
<b>UniProt Primary AC:</b>	O15355 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )
<b>Gene Symbol:</b>	PPM1G
<b>KEGG:</b>	hsa:5496
<b>String:</b>	<a href="#">9606.ENSP00000342778</a>
<b>Molecular Weight:</b>	Calculated MW: 59.3 kDa
<b>Buffer:</b>	PBS containing 0.09% sodium azide.
<b>Note:</b>	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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