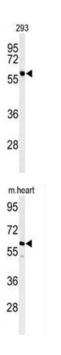


Protein Phosphatase, Mg2+/Mn2+ Dependent 1G (PPM1G) Antibody

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 PremRNA 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, Mg2+/Mn2+ 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



Purification: Purified through a protein G column, eluted with high and low pH buffers and neutralized

immediately, followed by dialysis against PBS.

Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: O15355 (<u>UniProt</u>, <u>ExPASy</u>)

Gene Symbol: PPM1G

KEGG: hsa:5496

String: 9606.ENSP00000342778

Molecular Weight: Calculated MW: 59.3 kDa

Buffer: PBS containing 0.09% sodium azide.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC,

THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL

CONSUMPTION.