

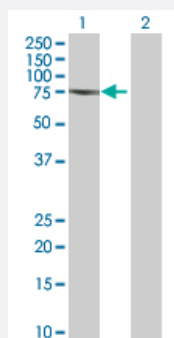
MaxPab®

PPM1G MaxPab mouse polyclonal antibody (B01P)

Catalog # H00005496-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of PPM1G expression in transfected 293T cell line ([H00005496-T01](#)) by PPM1G MaxPab polyclonal antibody.

Lane 1: PPM1G transfected lysate(60.06 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human PPM1G protein.

Immunogen

PPM1G (NP_002698, 1 a.a. ~ 546 a.a) full-length human protein.

Sequence

MGAYLSQPNTVKCSGDGVGAPRLPLPYGFSAMQGWRVSMEDAHNCIPELDSETAMFSVYDGH
GGEEVALYCAKYPDIIKDQKAYKEGKLQKALEDAFLAIDAKLTTEEVIKELAQIAGRPTEDDEKE
KVADEDDVDNEEAALLHEEATMTIEELLTRYGQNCHKGPPHSKSGGGTGEEPGSQGLNGEAGP
EDSTRETPSQENGPTAKAYTGFSSNSERGTAGQVGEPIGTGEAGPSCSSASDKLPRVAKSKF
FEDSEDESDEAEEDSEECSEEDGYSSSEEAENEDEDDTEEAEDDEEEEEEEMMVP
EGKEEPGSDSGTTAVVALIRGKQLVANAGDSRCVVSEAGKALDMSYDHKPEDEVELARIKNAG
GKVTMDGRVNGGLNLSRAIGDHFYKRKNLPPEEQMISALPDIKVLTLDHHEFMVIACDGIWNVM
SSQEVVDFIQSKISQRDENGELRLLSSIVEELLDQCLAPDTSGDGTGCDNMTCTIIICFKPRNTAELQ
PESGKRKLEEVLTSTEGAEENGNSDKKKKAKRD

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (92); Rat (93)

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — PPM1G

Entrez GeneID

[5496](#)

GeneBank Accession#

[NM_002707](#)

Protein Accession#

[NP_002698](#)

Gene Name

PPM1G

Gene Alias

MGC1675, MGC2870, PP2CG, PP2CGAMMA, PPP2CG

Gene Description

protein phosphatase 1G (formerly 2C), magnesium-dependent, gamma isoform

Omim ID

[605119](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

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. Alternatively spliced transcript variants encoding the same protein have been described. [provided by RefSeq]

Other Designations

OTTHUMP00000123426|PP2C, gamma|protein phosphatase 1C|protein phosphatase 1G|protein phosphatase 2, catalytic subunit, gamma isoform|protein phosphatase 2C gamma isoform|protein phosphatase magnesium-dependent 1 gamma

Disease

- [Alcoholism](#)
- [Conduct Disorder](#)