

DNAxPAb

Hard-to-Find
Antibody

PPM1G DNAxPab

Catalog # H00005496-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PPM1G DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MGAYLSQPNTVKCSGDGVGAPRLPLPYGFSAMQGWRVSMEDAHNCIPELDSETAMFSVYDGH GGEEVALYCAKYLPIIKDQKAYKEGKLQKALEDAFLAIDAKLTTEEVIKELAQIAGRPTEDDEKE KVADEDDVDNEEAALLHEEATMTIEELLTRYGQNCHKGPPHSKSGGGTGEEPGSQGLNGEAGP EDSTRETPSQENGPTAKAYTGFSNSERGTAGQVGEPIGTGEAGPSCSSASDKLPRVAKSKF FEDSEDESDEAEEDSEECSEEDGYSSEEAENEDEDDTEEAEDDEEEEEEEMMVP EGKEEPGSDSGTTAVVALIRGKQLVANAGDSRCVVSEAGKALDMSYDHKPEDEVELARIKNAG GKVTMDGRVNGGLNLSRAIGDHFYKRKNLPPEEQMISALPDIKVLTLDHEFMVIACDGIWNVM SSQEVVDFIQSKISQRDENGELRLLSSIVEELLDQCLAPDTSGDGTGCDNMTCIICFKPRNTAELQ PESGKRKLEEVLSTEGAEENGNSDKKKKAKRD
Host	Rabbit
Reactivity	Human
Purification	Protein A
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.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — PPM1G

Entrez GeneID [5496](#)

GeneBank Accession# [NM_002707.3](#)

Protein Accession# [NP_002698.1](#)

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](#)