

DNAxPAb

Hard-to-Find
Antibody

PPM1B DNAxPab

Catalog # H00005495-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PPM1B DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	<p> MGAFLDKPKTEKHNAHGAGNGLRYGLSSMQGWRVEMEDAHTAVVGIPHGLEDWSFFAVYDGH AGSRVANYCSTHLLHITTNEFDRAAGKSGSALELSVENVKNGIRTGFLKIDEYMRNFSDLRNGMD RSGSTAVGVMISPKHYFINCGDSRAVLYRNGQVCFSTQDHPKPCNPREKERIQNAGGSVMIQRVN GSLAVSRALGDYDYKCVDGKGPTEQLVSPEPEVYEILRAEEDEFILACDGWDVMSNEELCEYVK SRLEVSDDLNVNWWVDTCCLKGSRDNMSVLVCFSNAPKVSDEAVKKDSELDKHLESRVEEI MEKSGEEGMPDLAHVMRILSAENIPNLPPGGGLAGKRNVEAVYSRLNPHRES DGASDEAEESG SQGKLVEALRQMRINHRGNYRQLLEMLTSYRLAKVEGEESPAEPAATATSSNSDAGNPVTMQE SHTESESGLAELDSSNEDAGTKMSGEKI </p>
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 — PPM1B

Entrez GeneID [5495](#)

GeneBank Accession# [NM_002706.4](#)

Protein Accession# [NP_002697.1](#)

Gene Name PPM1B

Gene Alias MGC21657, PP2C-beta-X, PP2CB, PP2CBETA, PPC2BETAX

Gene Description protein phosphatase 1B (formerly 2C), magnesium-dependent, beta isoform

Omim ID [603770](#)

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 has been shown to dephosphorylate cyclin-dependent kinases (CDKs), and thus may be involved in cell cycle control. Overexpression of this phosphatase is reported to cause cell-growth arrest or cell death. Alternative splicing results in multiple transcript variants encoding different isoforms. Additional transcript variants have been described, but currently do not represent full-length sequences. [provided by RefSeq]

Other Designations OTTHUMP00000158953|OTTHUMP00000158955|protein phosphatase 1B|protein phosphatase 2C beta isoform|protein phosphatase 2C-like protein

Pathway

- [MAPK signaling pathway](#)

Disease

- [Tobacco Use Disorder](#)