

DNAxPAb

Hard-to-Find
Antibody

PPM1F DNAxPab

Catalog # H00009647-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PPM1F DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MSSGAPQKSSPMASGAEETPGFLDTLLQDFPALLNPEDPLPWKAPGTVLSQEEVEGELAEELAM GFLGSRKAPPPLAAALAHEAVSQLLQTDLSEFRKLPEEEEEEDDDDEEEKAPVTLLDAQSLAQ SFFNRLWEVAGQWQKQVPLAARASQRQWLVSIIHAIRNTRRKMEDRHVSLPSFNQLFGLSDPVN RAYFAVFDGHGGVDAARYAAVHVHTNAARQPELPTDPEGALREAFRRTDQMFLRKAKRERLQS GTTGVCALAGATLHVAVLGDVILVQQGQVVKLMEPHRPERQDEKARIEALGGFVSHMDCWR VNGTLAVSRAIGDVFQKPYVSGEADAASRALTGSEDYLLACDGFDDVVPHEVVGVLVQSHLTR QQGSGLRVAEELVAAARERGSNDNITVMVFLRDPQELLEGGNQGEQDPQAEGRQDLPSSLP EPETQAPPRS
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 — PPM1F

Entrez GeneID [9647](#)

GeneBank Accession# [NM_014634.2](#)

Protein Accession# [NP_055449.1](#)

Gene Name PPM1F

Gene Alias CaMKPase, FEM-2, KIAA0015, POPX2, hFEM-2

Gene Description protein phosphatase 1F (PP2C domain containing)

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 can interact with Rho guanine nucleotide exchange factors (PIX), and thus block the effects of p21-activated kinase 1 (PAK), a protein kinase mediating biological effects downstream of Rho GTPases. Calcium/calmodulin-dependent protein kinase II gamma (CAMK2G/CAMK-II) is found to be one of the substrates of this phosphatase. The overexpression of this phosphatase or CAMK2G has been shown to mediate caspase-dependent apoptosis. An alternatively spliced transcript variant has been identified, but its full-length nature has not been determined. [provided by RefSeq]

Other Designations Ca(2+)/calmodulin-dependent protein kinase phosphatase|CaM-kinase phosphatase|PP2C phosphatase|partner of PIX 2|protein phosphatase 1F

Disease

- [Kidney Failure](#)
- [Tobacco Use Disorder](#)