

DNAxPAb

Hard-to-Find
Antibody

PPP2R1B DNAxPAb

Catalog # H00005519-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PPP2R1B DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MAGASELGTGPGAAGGDGDDSLYPIAVLIDELRNEDVQLRLNSIKKLSTIALALGVERTRSELLPFL TDTIYDEDEVLLALAEQLGNFTGLVGGPDFAHCLLPLENLATVEETVVRDKAVESLRQISQEHTP VALEAYFVPLVKRLASGDWFTSRTSACGLFSVCYPRASNAVKAIRQQFRSLCSDDTPMVRRAA ASKLGEFAKVL ELDSVKSEVPLFTSLASDEQDSVRLlaveacvsiaqlLSQDDLETlVMPTLRQA AEDKSWRVRYMVADRFSELQKAMGPKITLNDLIPAFQNLKDCAEVRAAAAHKVKELGENLPIE DRETIIMNQILPYKELVSDTNQHVKSALASVIMGLSTILGKENTIEHLLPLFLAQLKDECPDVRlNIISN LDCVNEVIGIRQLSQSLLPAVELAEDAKWRVRLAII EYMP LLAGQLGVEFFDEKLNSLCMAWLVD HVYAIREAATNNLMKLVQKFGTEWAQNTIVPKVLVMANDPNYLHRMTTLFCINALSEACGQEITTKQ MLPVLKMAGDQVANVRFNVAKSLQKIGPILDTNALQGEVKPVLQKLQDDEDMDVKYFAQE AISV LALA
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 — PPP2R1B

Entrez GeneID [5519](#)

GeneBank Accession# [NM_002716.3](#)

Protein Accession# [NP_002707.3](#)

Gene Name PPP2R1B

Gene Alias MGC26454, PR65B

Gene Description protein phosphatase 2 (formerly 2A), regulatory subunit A, beta isoform

Omim ID [211980 603113](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a constant regulatory subunit of protein phosphatase 2. Protein phosphatase 2 is one of the four major Ser/Thr phosphatases, and it is implicated in the negative control of cell growth and division. It consists of a common heteromeric core enzyme, which is composed of a catalytic subunit and a constant regulatory subunit, that associates with a variety of regulatory subunits. The constant regulatory subunit A serves as a scaffolding molecule to coordinate the assembly of the catalytic subunit and a variable regulatory B subunit. This gene encodes a beta isoform of the constant regulatory subunit A. Defects in this gene could be the cause of some lung and colon cancers. At least two transcript variants encoding different isoforms have been found for this gene . [provided by RefSeq]

Other Designations PP2A, subunit A, PR65-beta isoform|PP2A, subunit A, R1-beta isoform|PP2A-A-beta|beta isoform of regulatory subunit A, protein phosphatase 2|protein phosphatase 2 (formerly 2A), regulatory subunit A (PR 65), beta isoform|protein phosphatase 2, structural/r

Pathway

- [Long-term depression](#)
- [TGF-beta signaling pathway](#)

- [Tight junction](#)
- [Wnt signaling pathway](#)

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Lung Neoplasms](#)
- [Tobacco Use Disorder](#)
- [Uterine Cervical Neoplasms](#)