

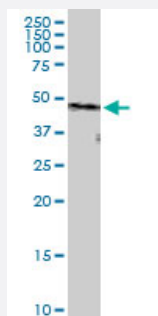
MaxPab®

PPP2R1B MaxPab rabbit polyclonal antibody (D01)

Catalog # H00005519-D01

Size 100 uL

Applications



Immunoprecipitation

Immunoprecipitation of PPP2R1B transfected lysate using anti-PPP2R1B MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with PPP2R1B purified MaxPab mouse polyclonal antibody (B01P) ([H00005519-B01P](#)).

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PPP2R1B protein.
Immunogen	PPP2R1B (NP_002707.3, 1 a.a. ~ 601 a.a) full-length human protein.
Sequence	MAGASELGTGPGAAGGDGDDSLYPIAVLIDELRNEDVQLRLNSIKKLSTIALALGVERTRSELLPFL TDTYDEDEVLLALAEQLGNFTGLVGGPDFAHCLLPLENLATVEETVVRDKAVESLRQISQEHTP VALEYFVPLVKRLASGDWFTSRTSACGLFSVCYPRASNAVKAEIRQQFRSLCSDDTPMVRRAA ASKLGEFAKVLELDSVKSEIVPLFTSLASDEQDSVRLLAVEACVSIAQLLSQDDLETLMPTLRQA AEDKSWRVRYMVADRFSELQKAMGPKITLNDLIPAFQNLKDCAEVRAAAAHKVKELGENTLPIE DRETIIMNQLPYIKELVSDTNQHVKSALASVIMGLSTILGKENTIEHLLPLFLAQLKDECPDVRNIN LDCVNEVIGIRQLSQSLLPAMELAEDAKWRVRLAIEYMPLLAGQLGVEFFDEKLNLCMAWLVD HVYAIREAATNNLMKLVQKFGTEWAQNTIVPKVLVMANDPNYLHRMTTLFCINALSEACGQEITTKQ MLPIVLKMAGDQVANVRFNVAKSLQKIGPILDNALQGEVKPVLQKLGQDEDMDVKYFAQEISV LALA
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (96); Rat (96)

Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Immunoprecipitation

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[Protocol Download](#)

Gene Info — PPP2R1B

Entrez GeneID	5519
GeneBank Accession#	NM_002716
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](#)