

PPP2R1B rabbit monoclonal antibody

Catalog # H00005519-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human PPP2R1B peptide using ARM Technology.
Immunogen	A synthetic peptide of human PPP2R1B is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human PPP2R1B peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — PPP2R1B

Entrez GeneID	5519
GeneBank Accession#	PPP2R1B
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	<p>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]</p>
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](#)