

PPP2R1B polyclonal antibody (A01)

Catalog # H00005519-A01

Size 50 uL

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant PPP2R1B.
Immunogen	PPP2R1B (AAH27596, 500 a.a. ~ 599 a.a) partial recombinant protein with GST tag.
Sequence	VMANDPNYLHRMTTLFCINALSEACGQEITTKQMLPVLKMAGDQVANVRFNVAKSLQKIGPILDTN ALQGEVKPVLQKLGQDEDMDVKYFAQEASVVA
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (99); Rat (98)
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- ELISA

Gene Info — PPP2R1B

Entrez GeneID	5519
GeneBank Accession#	BC027596
Protein Accession#	AAH27596
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](#)