PPP2R1B Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	PPP2R1B, Polyclonal Antibody
Full Product Name	PPP2R1B (N-Term) Rabbit pAb
Product Gene Name	anti-PPP2R1B antibody
Product Synonym Names	Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A beta isoform; PP2A subunit A isoform PR65-beta; PP2A subunit A isoform R1-beta; PPP2R1B
Clonality	Polyclonal
Isotype	Ig
Clone Number	RB51483
Host	Rabbit
Species Reactivity	Human
Purity/Purification	Affinity Purified
OMIM	603113
3D Structure	ModBase 3D Structure for P30154
Immunogen	This PPP2R1B antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 5~37 amino acids from the N-terminal region of human PPP2R1B.
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-PPP2R1B antibody	Western Blot (WB)
Application Notes for anti-PPP2R1B antibody	WB: 1:1000
Related Product Information for anti-PPP2R1B antibody	MBS8556220 is an antibody targeting PPP2R1B. Also known as PPP2R1B (N-Term) Rabbit pAb. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-PPP2R1B antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PPP2R1B. It may not necessarily be applicable to this product.

NCBI GI #	294774574
NCBI GeneID	5519
NCBI Accession #	NP_001171033.1
UniProt Primary Accession #	P30154
UniProt Related Accession #	P30154
GenBank Nucleotide #	NP_001171033.1
NCBI Official Full Name	serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A beta isoform isoform d

NCBI Official Synonym Full Names	protein phosphatase 2 scaffold subunit Abeta
NCBI Official Symbol	PPP2R1B
NCBI Official Synonym Symbols	PR65B; PP2A-Abeta
UniProt Protein Name	Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A beta isoform
UniProt Synonym Protein Names	PP2A subunit A isoform PR65-beta; PP2A subunit A isoform R1-beta
UniProt Gene Name	PPP2R1B
UniProt Entry Name	2AAB_HUMAN
NCBI Protein Information	serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A beta isoform
NCBI Summary for PPP2R1B	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. Mutations in this gene have been associated with some lung and colon cancers. Alternatively spliced transcript variants have been described. [provided by RefSeq, Apr 2010]
UniProt Comments for PPP2R1B	PPP2R1B: The PR65 subunit of protein phosphatase 2A serves as a scaffolding molecule to coordinate the assembly of the catalytic subunit and a variable regulatory B subunit. Belongs to the phosphatase 2A regulatory subunit A family. 3 isoforms of the human protein are produced by alternative splicing. Protein type: Protein phosphatase, regulatory subunit Chromosomal Location of Human Ortholog: 11q23.2 Cellular Component: lipid raft Molecular Function: protein binding Disease: Lung Cancer
Research Articles on PPP2R1B	**1.** MicroRNA-587 antagonizes 5-fluorouracil-induced apoptosis and confers drug resistance by regulating PPP2R1B expression in colorectal cancer.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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