

MaxPab®

PPP1R3A purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00005506-B01P

Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human PPP1R3A protein.
Immunogen	PPP1R3A (AAI11453.1, 1 a.a. ~ 1122 a.a) full-length human protein.
Sequence	MEPSEVPSQISKDNFLEVPNLSDSLCEDEEVTFQPGFSPQPSRRGSDSSSEDMLDTPSSGTRRV SFADSFGFNLVSVKEFDCWELPSASTTFDLGTDIFHTEEYVLAPLFDLPSSKEDLMQQLQIQKAIL ESTESLLGSTSIKGIIRVLNVSFKEKLVYVRMSLDDWQTHYDILAEYVPNSCDGETDQFSFKIVLPPY QKDGSKVEFCIRYETSVGTFWSNNGTNYTFICQKKEQEPEPVKPWKEVPNRQIKGCLKVKSSK EESVTSEENNFFENPKNTDTYPTIICSHEDKEDLEASNRNVKDVNREHDEHNEKELELMINQHLIR TRSTASRDERNTFSTDPVNFNKAEGLEKKQIHGEICTDLFQSRSLSPSSSAESSVKGDFYCNEKY SSGDDCETHQPSEETTSNMGEIKPSLGDTSDELVLHTGSKEVLDDNANPAHGNGTVQIPCPSS DQLMAGNLNKKHEGGAKNIEVKDLGCLRRDFHSDTSACLKESTEEGSSKEDYYGNGKDDEEQRI YLGVNEKQRKNFQTLHDQERKMGNPKISVAGIGASNRDLATLLSEHTAIPTRAITADVSHSPRTNL SWEEAVLTPEHHHLTSEGSALGGITGQVCSRTGNVLRNDYLFQVEEKSGGINSQDQNSPQHK QSWNVLESQGKSRENKTNITEHIKGQTDCEVDWGKRDNTRSLKATTEELFTCQETVCCELSSLA DHGITEKAEAGTAYIKTTSESTPESMSAREKAIKALPQETARSDRPIEVKETAFDPHEGRNDDSHY TLCQRDTVGVYDNDFEKESRLGICNVRVDEMEKEETMSMYNPRKTHDREKCGTGNITSVEESS WVITEYQKATSKLDLQLGMLPTDKTVFSENRLRQVQELSKKTDSDAMVHSAFNSDTNRAPQNSS PFSKHHTAISVSTNEQAIAVENAVTTMASQPISTKSENICNSTREIQGIEKHPYPESKPEEVSRS VTSGSRKERCIGQIFQTEEYSVEKSLGPMILINKPLENMEEARHENEGLVSSGQSLYTSGEKESDS SASTSLPVEESQAQGNESLFSKYTNSKIPYLLFLIFLITVYHYDLMIGLTFYVLSLSWLSWEEGRQK ESVKKK
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (62); Rat (64)
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](#)

Gene Info — PPP1R3A

Entrez GeneID	5506
GeneBank Accession#	BC111452.3
Protein Accession#	AAI11453.1
Gene Name	PPP1R3A
Gene Alias	GM, PP1G, PPP1R3
Gene Description	protein phosphatase 1, regulatory (inhibitor) subunit 3A
Omim ID	600917 604367
Gene Ontology	Hyperlink
Gene Summary	The glycogen-associated form of protein phosphatase-1 (PP1) derived from skeletal muscle is a heterodimer composed of a 37-kD catalytic subunit and a 124-kD targeting and regulatory subunit. This gene encodes the regulatory subunit which binds to muscle glycogen with high affinity, thereby enhancing dephosphorylation of glycogen-bound substrates for PP1 such as glycogen synthase and glycogen phosphorylase kinase. [provided by RefSeq]
Other Designations	glycogen and sarcoplasmic reticulum binding subunit, skeletal muscle protein phosphatase 1 glycogen- associated regulatory subunit protein phosphatase 1, regulatory (inhibitor) subunit 3A (glycogen and sarcoplasmic reticulum binding subunit, skeletal muscle)

Pathway

- [Insulin signaling pathway](#)

Disease

- [Alzheimer disease](#)

- [Arteriosclerosis](#)
- [Atherosclerosis](#)
- [Colorectal Neoplasms](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)
- [Hypertriglyceridemia](#)
- [Insulin Resistance](#)
- [Kidney Failure](#)
- [Liver Neoplasms](#)
- [Lymphatic Metastasis](#)
- [Metabolic Syndrome X](#)
- [Obesity](#)
- [Polycystic Ovary Syndrome](#)
- [Renal Insufficiency](#)
- [Werner syndrome](#)