

MaxPab®

PYGM purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00005837-B01P

Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human PYGM protein.
Immunogen	PYGM (ADR83429.1, 1 a.a. ~ 842 a.a) full-length human protein.
Sequence	MSRPLSDQEKRKQISVRGLAGVENVTELKKNFNRLHFTLVKDRNVATPRDYYFALAHTVRDHLV GRWIRTQQHYEKPDKRIYLSLEFYMGRTLQNTMVNLALACDEATYQLGLDMEELEEIEEDAG LNGGGLGRLAACFLDSMATLGLAAYGYGIRYEFGIFNQKISGGWQMEEADDWLRYPWEKARP EFTLPVHFYGHVEHTSQGAKWVDTQVVLAMPYDTPVPGYRNNVNTMRLWSAKAPNDFNLKDF NVGGYQAVLDRNLAENISRVLYPNDNFFEGKELRLKQEFVVAATLQDIIRRFKSSKFGCRDPVRT NFDAPDPKVAIQLNDTHPSLAPELMRLVDLERMDWDKAWDVTVRTCAYTNHTVLPEALERWPV HLLTLLPRHLQIYEINQRF LN RVAAAFPGD V DRLRRMSLVEEGAVKRINMAHL CIAGSHAVNGVA RIHSEILKKTIFKDFYELEPHKFQNK TNGITPRRWLVLCNPGLAEVIAERIGEDFISDL DQLRKLLSFV DDEAFIRDVAKVKQENKLKFAAYLEREYKVHINPNSLFDIQVKRIHEYKRQLLNCLHVITLYNRIKREP NKFFVPRTVMIGGKAAPGYHMAKMIIRLVTAIGDVVNHDPAVGDRLRVIFLENYRVSLAEKVIPAAD LSEQISTAGTEASGTGNMFM LN GALTIGTMDGANVEMAE EAGEENFFIFGMRVEDVDKLDQRGY NAQEYYDRIPELRQVIEQLSSGFFSPKQPD LFKDMNMLMHHD RFKVFADYEDYKCKQEKVSALYK NPREWTRMVIRNIATSGKFSSDRTIAQYAREIWGVEPSRQRLPAPDEAI
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (97); Rat (97)
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 — PYGM

Entrez GeneID	5837
GeneBank Accession#	HQ258678.1
Protein Accession#	ADR83429.1
Gene Name	PYGM
Gene Alias	-
Gene Description	phosphorylase, glycogen, muscle
Omim ID	232600 608455
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a muscle enzyme involved in glycogenolysis. Highly similar enzymes encoded by different genes are found in liver and brain. Mutations in this gene are associated with McArdle disease (myophosphorylase deficiency), a glycogen storage disease of muscle. Alternative splicing results in multiple transcript variants
Other Designations	McArdle syndrome glycogen phosphorylase glycogen storage disease type V myophosphorylase phosphorylase, glycogen; muscle (McArdle syndrome, glycogen storage disease type V)

Pathway

- [Insulin signaling pathway](#)
- [Starch and sucrose metabolism](#)

Disease

- [Glycogen Storage Disease Type V](#)
- [Muscular Diseases](#)