

MaxPab®

PSMF1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00009491-B01P

Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human PSMF1 protein.
Immunogen	PSMF1 (ADR82919.1, 1 a.a. ~ 271 a.a) full-length human protein.
Sequence	MAGLEVLFAAAPAITCRQDALVCFLHWEVVTHGYCGLGVGDQPGPNDKKSELLPAGWNNNKD LYVLRYEYKDGSRKLLVKAITVESSMLNVLEYGSQQVADLTNLDDYIDAEHLGDFHRTYKNSEEL RSRIVSGIITPIHEQWEKANVSSPHREFPPATAREVDPLRIPPHHPHTSRQPPWCDPLGPFVVGGE DLDPFGPRRGGMVDPLRSGFPRALIDPSSGLPNRLPPGAVPPGARFDPFGPIGTSPPGPNPDHL PPPGYDDMYL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (83); Rat (86)
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 — PSMF1

Entrez GeneID

[9491](#)

GeneBank Accession#	HQ258165.1
Protein Accession#	ADR82919.1
Gene Name	PSMF1
Gene Alias	PI31
Gene Description	proteasome (prosome, macropain) inhibitor subunit 1 (PI31)
Gene Ontology	Hyperlink
Gene Summary	<p>The 26S proteasome is a multicatalytic proteinase complex with a highly ordered structure composed of 2 complexes, a 20S core and a 19S regulator. The 20S core is composed of 4 rings of 28 non-identical subunits; 2 rings are composed of 7 alpha subunits and 2 rings are composed of 7 beta subunits. The 19S regulator is composed of a base, which contains 6 ATPase subunits and 2 non-ATPase subunits, and a lid, which contains up to 10 non-ATPase subunits. Proteasomes are distributed throughout eukaryotic cells at a high concentration and cleave peptides in an ATP/ubiquitin-dependent process in a non-lysosomal pathway. An essential function of a modified proteasome, the immunoproteasome, is the processing of class I MHC peptides. This gene encodes a protein that inhibits the activation of the proteasome by the 11S and 19S regulators. Alternative transcript variants have been identified for this gene. [provided by RefSeq]</p>
Other Designations	proteasome inhibitor hP131 subunit proteasome inhibitor subunit 1

Pathway

- [Proteasome](#)