

PSMD12 polyclonal antibody (A01)

Catalog # H00005718-A01

Size 50 uL

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant PSMD12.
Immunogen	PSMD12 (NP_002807, 347 a.a. ~ 456 a.a) partial recombinant protein with GST tag.
Sequence	GEKRWKDLKNRVVEHNIRIMAKYYTRITMKRMAQLLDLSVDESEAFLSNLVVNKTIFAKVDRLAGIIN FQRPKDPNNLLNDWSQKLNSLMSLVNKTTHLIAKEEMIHNLQ
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (98); Rat (99)
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 — PSMD12

Entrez GeneID	5718
GeneBank Accession#	NM_002816
Protein Accession#	NP_002807
Gene Name	PSMD12

Gene Alias	MGC75406, Rpn5, p55
Gene Description	proteasome (prosome, macropain) 26S subunit, non-ATPase, 12
Omim ID	604450
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 non-ATPase subunit of the 19S regulator. A pseudogene has been identified on chromosome 3. [provided by RefSeq]</p>
Other Designations	26S proteasome regulatory subunit p55 proteasome 26S non-ATPase subunit 12

Pathway

- [Proteasome](#)