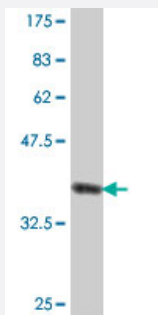


PSMC6 polyclonal antibody (A01)

Catalog # H00005706-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (37.11 kDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant PSMC6.
Immunogen	PSMC6 (AAH05390, 290 a.a. ~ 389 a.a) partial recombinant protein with GST tag.
Sequence	LRPGRLDRLKIHIDLPNEQARLDILKIHAGPITKHGEIDYEAVKLSDFNGADLRNVCTEAGMFAIRAD HDFVVQEDFMKAVRKVADSKKLESKLDYKPV
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.11 kDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — PSMC6

Entrez GeneID [5706](#)

GeneBank Accession# [BC005390](#)

Protein Accession# [AAH05390](#)

Gene Name PSMC6

Gene Alias CADP44, MGC12520, P44, SUG2, p42

Gene Description proteasome (prosome, macropain) 26S subunit, ATPase, 6

Omim ID [602708](#)

Gene Ontology [Hyperlink](#)

Gene Summary

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 one of the ATPase subunits, a member of the triple-A family of ATPases which have a chaperone-like activity. Pseudogenes have been identified on chromosomes 8 and 12. [provided by RefSeq]

Other Designations 26S protease regulatory subunit S10B|conserved ATPase domain protein 44|proteasome 26S ATPase subunit 6|proteasome subunit p42

Pathway

- [Proteasome](#)