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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PSMC2 polyclonal antibody (A01)

Catalog # : H00005701-A01

規格 : [50 uL]

[List All](#)

Specification

Product Description: Mouse polyclonal antibody raised against a full-length recombinant PSMC2.

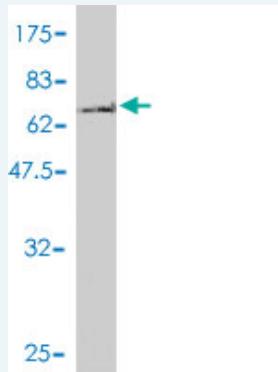
Immunogen: PSMC2 (AAH02589.1, 1 a.a. ~ 433 a.a) full-length recombinant protein with GST tag.

Sequence:
 MPDYLGADQRKTKEDKDDKPIRALDEGDIALLKTYGQSTYSRQIKQVE
 DDIQQLLKKINELTGIKESDTGLAPPALWDLAADKQTLQSEQPLQVARCT
 KIINADSEDPKYIINVKQFAKFVVDLSDQVAPTDIIEGMRVGVDRNKYQIHIP
 LPPKIDPTVTMMQVEEKPDVTYSVGGCKEQIEKLREVVETPLLHPERFV
 NLGIEPPKGVLLFGPPGTGKTLCAVANRTDACFIRVIGSELVQKYVGE
 GARMVRELFEMARTKKAELIFFDEIDAIGGARFDDGAGGDNEVQRTMLE
 LINQLDGFDPNGNIKVLMTNRPDTLDPALMRPGRDLDRKIEFSLPDLEGR
 THIFKIHARMSVERDIRFELLARLCPNSTGAEIRSVCTEAGMFAIRARRKI
 ATEKDFLEAVNKVIKSYAKFSATPRYMTYN

Host: Mouse

Reactivity: Human

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (73.74 kDa) .

Storage Buffer: 50 % glycerol

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

Datasheet: [Download](#)

Applications

Western Blot (Recombinant protein)

[Protocol Download](#)

ELISA

Application Image

Western Blot (Recombinant protein)

ELISA

Gene Information

Entrez GeneID: [5701](#)

GeneBank
Accession#: [BC002589](#)

Protein
Accession#: [AAH02589.1](#)

Gene Name: PSMC2

Gene Alias: MGC3004,MSS1,Nbla10058,S7

Gene
Description: proteasome (prosome, macropain) 26S subunit, ATPase, 2

Omim ID: [154365](#)

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. This subunit has been shown to interact with several of the basal transcription factors so, in addition to participation in proteasome functions, this subunit may participate in the regulation of transcription. This subunit may also compete with PSMC3 for binding to the HIV tat protein to regulate the interaction between the viral protein and the transcription complex. [provided by RefSeq]

**Other
Designations:** mammalian suppressor of sgV-1 of yeast,protease 26S subunit 7,proteasome 26S ATPase subunit 2,proteasome 26S subunit, ATPase, 2,putative protein product of Nbla10058

Gene Pathway

[Proteasome](#)