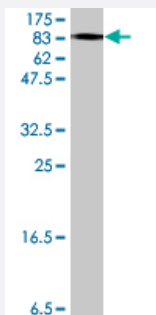


PSMD2 polyclonal antibody (A01)

Catalog # H00005708-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (125.99 KDa) .

Specification

Product Description

Mouse polyclonal antibody raised against a full-length recombinant PSMD2.

Immunogen

PSMD2 (AAH02368, 1 a.a. ~ 908 a.a) full-length recombinant protein with GST tag.

Sequence

MEEGGRDKAPVQPQQSPAAAPGGTDEKPSGKERRDAGDKDKEQELSEEDKQLQDELEMLVE
RLGEKDTSLYRPALEELRRQIRSSSTTSMTSVPKPLKFLRPHYGKLKEIENMAPGENKRFAADIISV
LAMTMSGERECLKYRLVGSQEELASWGHEYVRHLAGEVAKIEWQELDDAEKVQREPLTLVKEN
PYNMAHNAEHEACDLLMEIEQVDMLEKDIDENAYAKVCLYLTSCVNYVPEPENSALLRCALGVFR
KFSRFPEALRLALMLNDMELVEDIFTSCD VVVQKQMAFMLGRHGVFLELSEEDVEEYEDLTEIMS
NVQLNSNFLALARELDIMEPKVPDDIYKTHLENNRFGSGSGSQVDSARMNLASSFVNGFVNAAFG
QDKLLTDDGNKWLYKNKDHGMLSAAAASLGMILLWDVDGGLTQIDKLYSSEDYIKSGALLACGMV
SGVRNECDPALALLSDYVLHNSNTMRLGSIFGLGLAYAGSNREDVLTLLLPVMGDSKSSMEVAG
VTALACGMIAVGSCNGDVTSTILQTIMEKSETELKDTYARWLPLGLGLNHLGKGEAIEAIAALEVV
SEPFRSFANTLVDVCAYAGSGNVLKVQQLLHICSEHFDSKEEEDKDKKEKKDKDKKEAPADM
GAHQGVAVLGIALIAMGEEIGAEMALRTFGHLLRYGEPTLRRVPLALALISVSNPRLNILDTLKFS
HDADPEVSYNSIFAMGMVSGTNNARLAAMLRQLAQYHAKDPNNLFMVRLAQGLTHLGKGTLL
CPYHSRQLMSQVAVAGLLTVLVSFLDVRNII LGKSHYVLYGLVAAMQPRMLVTFDEELRPLPVSV
RVGQAVDVVGQAGPKTITGFQTHTPVLLAHGERAELATEEFLPVTPILEGFVILRKNPNYDL

Host

Mouse

Reactivity

Human

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (125.99 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 — PSMD2

Entrez GeneID [5708](#)

GeneBank Accession# [BC002368](#)

Protein Accession# [AAH02368](#)

Gene Name PSMD2

Gene Alias MGC14274, P97, Rpn1, S2, TRAP2

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

Omim ID [606223](#)

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 non-ATPase subunits of the 19S regulator lid. In addition to participation in proteasome function, this subunit may also participate in the TNF signalling pathway since it interacts with the tumor necrosis factor type 1 receptor. A pseudogene has been identified on chromosome 1. [provided by RefSeq]

Other Designations 26S proteasome non-ATPase regulatory subunit 2|26S proteasome regulatory subunit S2|26S proteasome subunit p97|55.11 protein|TNFR-associated protein 2|proteasome 26S non-ATPase subunit 2|tumor necrosis factor receptor-associated protein 2

Pathway

- [Proteasome](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Multiple Sclerosis](#)