

PSMB6 polyclonal antibody (A01)

Catalog # H00005694-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (52.4 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a full-length recombinant PSMB6.
Immunogen	PSMB6 (AAH00835, 1 a.a. ~ 239 a.a) full-length recombinant protein with GST tag.
Sequence	MAATLLAARGAGPAPAWGPEAFTPDWESREVSTGTTIMAVQFDGGVVLGADSRTTTGSYIANRV TDELTPIHDRIFCCRSRSAADTQAVADAVTYQLGFHSIELNEPPLVHTAASLFKEMCYRYREDLMA GIIAGWDPQEGGQVYSVPMGGMMVRQSFAIGGSGSSYYGYVDATYREGMTKEECLQFTANALAL AMERDGSSGGVIRLAAIAESGVERQVLLGDQIPKFAVATLPPA
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (94)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (52.4 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 — PSMB6

Entrez GeneID [5694](#)

GeneBank Accession# [BC000835](#)

Protein Accession# [AAH00835](#)

Gene Name PSMB6

Gene Alias DELTA, LMPY, MGC5169, Y

Gene Description proteasome (prosome, macropain) subunit, beta type, 6

Omim ID [600307](#)

Gene Ontology [Hyperlink](#)

Gene Summary

The proteasome is a multicatalytic proteinase complex with a highly ordered ring-shaped 20S core structure. The core structure 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. 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 member of the proteasome B-type family, also known as the T1B family, that is a 20S core beta subunit in the proteasome. This catalytic subunit is not present in the immunoproteasome and is replaced by catalytic subunit 1i (proteasome beta 9 subunit). [provided by RefSeq]

Other Designations

PSY large multifunctional protease Y|macropain delta chain|multicatalytic endopeptidase complex delta chain|proteasome beta 6 subunit|proteasome catalytic subunit 1|proteasome delta chain|proteasome subunit Y|proteasome subunit beta 6|proteasome subunit d

Pathway

- [Proteasome](#)

Disease

- [Kidney Failure](#)