



Rabbit Anti-Proteasome 20S beta 6 antibody

SL9358R

Product Name:	Proteasome 20S beta 6
Chinese Name:	蛋白酶体PSMβ6抗体
Alias:	Delta; LMPY; Macropain delta chain; MGC5169; Multicatalytic endopeptidase complex delta chain; Proteasome (prosome macropain) subunit beta type 6; Proteasome beta 6 subunit; Proteasome catalytic subunit 1; Proteasome delta chain; Proteasome subunit beta 6; Proteasome subunit beta type 6; Proteasome subunit beta type-6; Proteasome subunit delta; Proteasome subunit Y; PSB6_HUMAN; PSMB 6; PSMB6; PSY large multifunctional protease Y; Y antibody.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,
Applications:	WB=1:500-2000ELISA=1:500-1000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	22kDa
Cellular localization:	The nucleuscytoplasmicExtracellular matrix
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human Proteasome 20S beta 6:21-120/239
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	The proteasome is a multicatalytic proteinase complex which is characterized by its ability to cleave peptides with Arg, Phe, Tyr, Leu, and Glu adjacent to the leaving

group at neutral or slightly basic pH. The proteasome has an ATP-dependent proteolytic activity. This unit is responsible of the peptidyl glutamyl-like activity. May catalyze basal processing of intracellular antigens.

Function:

The proteasome is a multicatalytic proteinase complex which is characterized by its ability to cleave peptides with Arg, Phe, Tyr, Leu, and Glu adjacent to the leaving group at neutral or slightly basic pH. The proteasome has an ATP-dependent proteolytic activity. This unit is responsible of the peptidyl glutamyl-like activity. May catalyze basal processing of intracellular antigens.

Subunit:

The 26S proteasome consists of a 20S proteasome core and two 19S regulatory subunits. The 20S proteasome core is composed of 28 subunits that are arranged in four stacked rings, resulting in a barrel-shaped structure. The two end rings are each formed by seven alpha subunits, and the two central rings are each formed by seven beta subunits. The catalytic chamber with the active sites is on the inside of the barrel. This subunit can be displaced by the equivalent immune-specific subunit PSMB9. Interacts with HIV-1 TAT protein.

Subcellular Location:

Cytoplasm. Nucleus.

Similarity:

Belongs to the peptidase T1B family.

SWISS:

P28072

Gene ID:

5694

Database links:

[Entrez Gene: 5694](#)Human

[Entrez Gene: 19175](#)Mouse

[Entrez Gene: 29666](#)Rat

[Omim: 600307](#)Human

[SwissProt: P28072](#)Human

[SwissProt: Q60692](#)Mouse

[SwissProt: P28073](#)Rat

[Unigene: 77060](#)Human

[Unigene: 98](#)Mouse

[Unigene: 8118](#)Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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