



## Rabbit Anti-PSMD7 antibody

SL9366R

<b>Product Name:</b>	PSMD7
<b>Chinese Name:</b>	蛋白酶调解因子7抗体
<b>Alias:</b>	26S proteasome non ATPase regulatory subunit 7; 26S proteasome non-ATPase regulatory subunit 7; 26S proteasome regulatory subunit rpn8; 26S proteasome regulatory subunit S12; Moloney leukemia virus 34 proviral integration; MOV 34; MOV 34L; MOV34; Mov34 homolog; Mov34 protein homolog; MOV34L; P40 antibody Proteasome (prosome macropain) 26S subunit non ATPase 7; Proteasome 26S non ATPase subunit 7; Proteasome 26S S12; Proteasome subunit p40; PSD7_HUMAN; PSMD 7; PSMD-7; PSMD7; S12 antibody.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Rabbit,Sheep,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:50-200 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	37kDa
<b>Cellular localization:</b>	The nucleuscytoplasmicExtracellular matrixSecretory protein
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human PSMD7:31-130/324
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	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.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	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 a non-ATPase subunit of the 19S regulator. A pseudogene has been identified on chromosome 17.

**Function:**

Acts as a regulatory subunit of the 26S proteasome which is involved in the ATP-dependent degradation of ubiquitinated proteins.

**Subunit:**

Homodimer. Interacts with TRIM5.

**Similarity:**

Belongs to the peptidase M67A family.  
Contains 1 MPN (JAB/Mov34) domain.

**SWISS:**

P51665

**Gene ID:**

5713

**Database links:**

[Entrez Gene: 5713](#)Human

[Entrez Gene: 17463](#)Mouse

[Entrez Gene: 307821](#)Rat

[Oimim: 157970](#)Human

[SwissProt: Q3ZBD0](#)Cow

[SwissProt: P51665](#)Human

[SwissProt: P26516](#)Mouse

[Unigene: 440604](#)Human

[Unigene: 18347](#)Mouse

[Unigene: 20659](#)Rat

**Important Note:**

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

[www.sunlongbiotech.com](http://www.sunlongbiotech.com)