

## 蛋白酶调解因子 9 抗体

产品货号： mlR1372

英文名称： PSMD9

中文名称： 蛋白酶调解因子 9 抗体

别 名： Bridge-1; MGC8644; 26S proteasome non ATPase regulatory subunit 9; 26S proteasome regulatory subunit p27; Homolog of rat Bridge 1; p27; Proteasome (prosome macropain) 26S subunit non ATPase 9; Proteasome 26S non ATPase regulatory subunit 9; Proteasome 26S subunit non ATPase 9; PSMD 9; Rpn4; PSMD9\_HUMAN.

研究领域： 免疫学 转录调节因子 糖尿病 内分泌病

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Chicken, Dog, Pig, Cow, Horse, Rabbit, Guinea Pig,

产品应用： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 IF=1:100-500 （石蜡切片需做抗原修复）

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分 子 量： 25kDa

细胞定位： 细胞核 细胞浆

性 状： Lyophilized or Liquid

浓 度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human PSMD9:65-150/223

**亚 型 :** IgG

**纯化方法 :** affinity purified by Protein A

**储 存 液 :** 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

**保存条件 :** 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

**产品介绍 :** 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. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, May 2012]

**Function:**

Acts as a chaperone during the assembly of the 26S proteasome, specifically of the base subcomplex of the PA700/19S regulatory complex (RC). During the base subcomplex assembly is part of an intermediate PSMD9:PSMC6:PSMC3 module, also known as modulator trimer complex; PSMD9 is released during the further base assembly process.

**Subunit:**

Interacts with PSMC3. Part of a transient complex (modulator) containing PSMD9, PSMC6 and PSMC3 formed during the assembly of the 26S proteasome.

**Tissue Specificity:**

Expressed in all tissues tested, highly expressed in liver and kidney.

**Similarity:**

Belongs to the proteasome subunit p27 family.

Contains 1 PDZ (DHR) domain.

**SWISS:**

O00233

**Gene ID:**

5715

**Important Note:**

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