

## 蛋白酶体 PSM $\alpha$ 3 抗体

产品货号： mlR9352

英文名称： Proteasome 20S alpha 3

中文名称： 蛋白酶体 PSM $\alpha$ 3 抗体

别名： 20S Proteasome  $\alpha$ 3; 20S Proteasome- $\alpha$ 3; HC8; Macropain subunit C8; Multicatalytic endopeptidase complex subunit C8; Proteasome (prosome macropain) subunit alpha type 3; Proteasome alpha 3 subunit; Proteasome component C8; Proteasome subunit alpha type 3; Proteasome subunit alpha type-3; Proteasome subunit C8; PSA3\_HUMAN; PSC3; PSMA3.

研究领域： 细胞生物 免疫学 细胞周期蛋白 细胞分化

抗体来源： Rabbit

克隆类型： Polyclonal

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

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 IF=1:50-200 （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： 28kDa

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 Proteasome 20S alpha 3:155-255/255

**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 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. Binds to the C-terminus of CDKN1A and thereby mediates its degradation. Negatively regulates the membrane trafficking of the cell-surface thromboxane A2 receptor (TBXA2R) isoform 2.

#### **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. Interacts with AURKB. Interacts with CDKN1A. Interacts with HIV-1 TAT protein. Interacts with hepatitis C virus (HCV) F protein. Interacts with Epstein-Barr virus EBNA3 proteins. Interacts with MDM2 and RB1. Interacts with the C-terminus of TBXA2R isoform 2.

#### **Subcellular Location:**

Cytoplasm. Nucleus.

**Similarity:**

Belongs to the peptidase T1A family.

**SWISS:**

P25788

**Gene ID:**

5684

**Important Note:**

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

产品图片

