

蛋白酶体 PSM α 420S Proteasome α 4 抗体

产品货号 : mlR12260

英文名称 : PSMA4

中文名称 : 蛋白酶体 PSM α 4/20S Proteasome α 4 抗体

别名 : HC9; HsT17706; Macropain subunit C9; MGC111191; MGC12467; MGC24813; Multicatalytic endopeptidase complex subunit C9; Proteasome (prosome macropain) subunit alpha type 4; Proteasome alpha 4 subunit; Proteasome component C9; Proteasome subunit alpha type 4; Proteasome subunit alpha type-4; Proteasome subunit HC9; Proteasome subunit L; PSA4_HUMAN; PSC9; PSMA 4; psmA4.

研究领域 : 细胞生物 泛素

抗体来源 : Rabbit

克隆类型 : Polyclonal

交叉反应 : Human, Mouse, Rat, Pig, Horse, Monkey,

产品应用 : WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 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 : 29kDa

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 PSMA4:161-261/261

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 癬 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 癬. 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 癬.

PubMed : PubMed

产品介绍 : The proteasome represents a large protein complex that exists inside all eukaryotes and archaea, and in some bacteria. The main function of proteasomes is to degrade unnecessary or damaged proteins by proteolysis. The most common form of the proteasome, known as the 26S Proteasome, contains one 20S Proteasome core particle structure and two 19S regulatory caps. The 20S Proteasome core is hollow and forms an enclosed cavity, where proteins are degraded, as well as openings at the two ends to allow the target protein to enter. The 20S Proteasome core particle contains many subunits, depending on the organism. All of the subunits fall into one of two types: alpha subunits, which are structural, serve as docking domains for the regulatory particles and exterior gates blocking unregulated access to the interior cavity; or beta subunits, which are predominantly catalytic. The outer two rings in the proteasome consist of seven α subunits each, and the inner two rings each consist of seven beta subunits.

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.

Subcellular Location:

Cytoplasm. Nucleus.

Similarity:

Belongs to the peptidase T1A family.

SWISS:

P25789

Gene ID:

5685

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

