

26S 蛋白酶体非 ATP 酶调节亚基 11 抗体

产品货号： mlR19466

英文名称： PSMD11

中文名称： 26S 蛋白酶体非 ATP 酶调节亚基 11 抗体

别 名： 26S proteasome non-ATPase regulatory subunit 11; 26S proteasome regulatory subunit 9; 26S proteasome regulatory subunit p44.5; 26S proteasome regulatory subunit RPN6; 26S proteasome regulatory subunit S9; MGC3844; p44.5; protease 26S, subunit, 9; proteasome (prosome, macropain) 26S subunit, non-ATPase, 11; proteasome 26S subunit, non-ATPase, 11; PSD11_HUMAN; PSMD 11; PSMD11; Rpn6; S9.

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, Chicken, Dog, Cow, Horse, Rabbit, Zebrafish, Guinea Pig, Cat,

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： 38kDa

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 PSMD11:301-400/422

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. This gene encodes a member of the proteasome subunit S9 family that functions as a non-ATPase subunit of the 19S regulator and is phosphorylated by AMP-activated protein kinase. Alternatively spliced transcript variants have been observed for this gene. [provided by RefSeq, Jul 2012]

Function:

Component of the lid subcomplex of the 26S proteasome, a multiprotein complex involved in the ATP-dependent degradation of ubiquitinated proteins. In the complex, PSMD11 is required for proteasome assembly. Plays a key role in increased proteasome activity in embryonic stem cells (ESCs): its high expression in ESCs promotes enhanced assembly of the 26S proteasome, followed by higher proteasome activity.

Subcellular Location:

Nucleus. Cytoplasm > cytosol.

Tissue Specificity:

Highly expressed in embryonic stem cells (ESCs). Expression decreases as ESCs differentiate.

Post-translational modifications:

Phosphorylated by AMPK.

Similarity:

Belongs to the proteasome subunit S9 family.

Contains 1 PCI domain.

SWISS:

O00231

Gene ID:

5717

Important Note:

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