

PSMD1 rabbit pAb

Catalog_no :	<u>AN3267</u>
Applications :	<u>WB</u>
Reactivity :	<u>Human, Mouse,Rat</u>
Category :	<u>抗原抗体</u>
Size :	<u>100µg/50µg/20µg</u>
Gene_name :	<u>PSMD1</u>
Protein_name :	<u>PSMD1</u>
Humangene_id	<u>5707</u>
:	
Humanswissprot	<u>Q99460</u>
_no :	
Mousegene_id :	<u>70247</u>
Mouseswissprot	<u>Q3TXS7</u>
_no :	
Ratgene_id :	<u>83806</u>
Ratswissprot_no	<u>O88761</u>
:	
Immunogen :	<u>Synthesized peptide derived from human PSMD1</u>
Specificity :	<u>This antibody detects endogenous levels of PSMD1 at Human/Mouse/Rat</u>
Formulation :	<u>Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.225% sodium azide.</u>
Source :	<u>Rabbit</u>
Dilution :	<u>WB 1:500-2000</u>
Purification :	<u>The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.</u>
Concentration :	<u>1 mg/ml</u>
Storage_stability	<u>-20°C/1 year</u>
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Other_name :	<u>26S proteasome non-ATPase regulatory subunit 1 (26S proteasome regulatory subunit RPN2) (26S proteasome regulatory subunit S1) (26S proteasome subunit p112)</u>



Molecular Weight : 105KD

Background : 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 the largest non-ATPase subunit of the 19S regulator lid, which is responsible for substrate recognition and binding. Alternatively spliced transcript variants have been found for this gene.[provided by RefSeq, Jul 2010],
