

bs-9367R**[Primary Antibody]****PSMD6 Rabbit pAb**

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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500)
Clonality: Polyclonal		IHC-F (1:100-500)
GeneID: 9861	SWISS: Q15008	IF (1:50-200)
Target: PSMD6		ELISA (1:5000-10000)
Immunogen: KLH conjugated synthetic peptide derived from human PSMD6: 121-230/389.		Reactivity: (predicted: Human, Mouse, Rat, Rabbit, Pig, Cow, Horse)
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		Predicted MW.: 43 kDa
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		Subcellular Location: Cytoplasm ,Nucleus
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. Proteasome 26S S10 is a non-ATPase subunit of the 19S regulator. It acts as a regulatory subunit of the 26S proteasome which is involved in the ATP-dependent degradation of ubiquitinated proteins. Two transcripts encoding different isoforms have been described. Pseudogenes have been identified on chromosomes 3 and 20.		