

## PSMD4 Antibody (C-term)

Catalog_no :	AB1988
Applications :	WB
Reactivity :	H
Category :	抗原抗体
Size :	100μL/50μL
Immunogen :	HUMAN:300-328
Specificity :	This PSMD4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 300-328 amino acids from the C-terminal region of human PSMD4.
Dilution :	WB,1:1000;
Purification :	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Other_name :	26S proteasome non-ATPase regulatory subunit 4, 26S proteasome regulatory subunit RPN10, 26S proteasome regulatory subunit S5A, Antisecretory factor 1, AF, ASF, Multiubiquitin chain-binding protein, PSMD4, MCB1
Isotype :	Rabbit Ig
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 one of the non-ATPase subunits of the 19S regulator lid. Pseudogenes have been identified on chromosomes 10 and 21.
reference :	Elangovan, M., et al. Biochem. Biophys. Res. Commun. 396(2):425-428(2010) Safadi, S.S., et al. J. Biol. Chem. 285(2):1424-1434(2010) Zhang, N., et al. Mol. Cell 35(3):280-290(2009) Kim, H.T., et al. EMBO J. 28(13):1867-1877(2009) Gaurnier-Hausser, A.