

PSMD7 Antibody (C-term)

Catalog_no :	AB2131
Reactivity :	H
Category :	抗原抗体
Size :	100 μ L/50 μ L
Immunogen :	HUMAN:267-295
Specificity :	This PSMD7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 267-295 amino acids from the C-terminal region of human PSMD7.
Dilution :	WB,1:1000;IHC-P,1:50~100;FC,1:10~50;
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 7, 26S proteasome regulatory subunit RPN8, 26S proteasome regulatory subunit S12, Mov34 protein homolog, Proteasome subunit p40, PSMD7, MOV34L
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. PSMD7 is a non-ATPase subunit of the 19S regulator. A pseudogene has been identified on chromosome 17.
reference :	Dastani, Z., et al. Eur. J. Hum. Genet. 18(3):342-347(2010) Sanches, M., et al. J. Mol. Biol. 370(5):846-855(2007) Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007)