

26S Proteasome Non-ATPase Regulatory Subunit 7 (PSMD7) Antibody

Catalogue No.: abx302738

PSMD7 Antibody is a Rabbit Polyclonal against PSMD7. 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 a non-ATPase subunit of the 19S regulator. A pseudogene has been identified on chromosome 17.

Target:	26S Proteasome Non-ATPase Regulatory Subunit 7 (PSMD7)
Clonality:	Polyclonal
Reactivity:	Human
Tested Applications:	ELISA, WB, IHC, IF/ICC, IP
Host:	Rabbit
Recommended dilutions:	WB: 1/1000 - 1/5000, IHC: 1/500 - 1/1000, IF/ICC: 1/50 - 1/500, IP: 1/200 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant human 26S proteasome non-ATPase regulatory subunit 7 protein (1-324AA).
Isotype:	IgG
Form:	Liquid
Purity:	> 95%
Purification:	Purified by Protein G.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P51665 (UniProt , ExPASy)
Gene Symbol:	PSMD7
GeneID:	5713

Datasheet

Version: 3.0.0

Revision date: 18 Jul 2025



OMIM: [157970](#)

HGNC: 9565

KEGG: hsa:5713

Ensembl: ENSG00000103035

String: [9606.ENSP00000219313](#)

Buffer: 0.01 M PBS, pH 7.4, 0.03% Proclin-300 and 50% Glycerol.

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