

26S Proteasome Non-ATPase Regulatory Subunit 9 (PSMD9) Antibody

Catalogue No.: abx242176

PSMD9 Antibody is a Rabbit Polyclonal against PSMD9. 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. Three transcript variants encoding two different isoforms have been found for this gene.

Target:	26S Proteasome Non-ATPase Regulatory Subunit 9 (PSMD9)
Clonality:	Polyclonal
Reactivity:	Human, Mouse, Rat
Tested Applications:	ELISA, WB, IHC
Host:	Rabbit
Recommended dilutions:	ELISA: 1/2000 - 1/5000, WB: 1/500 - 1/2000, IHC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Fusion protein of human PSMD9.
Isotype:	IgG
Form:	Liquid
Purification:	Antigen Affinity Chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	O00233 (UniProt , ExPASy)
Gene Symbol:	PSMD9
GeneID:	5715
OMIM:	603146

Datasheet

Version: 2.0.0

Revision date: 20 Mar 2025



NCBI Accession: NP_001248329.1, NM_001261400.2, NP_002804.2, NM_002813.6

KEGG: hsa:5715

Ensembl: ENSG00000110801

String: [9606.ENSP00000440485](#)

Buffer: PBS, pH 7.4, containing 0.05% NaN₃ and 40% Glycerol.

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