

26S Proteasome Non-ATPase Regulatory Subunit 12 (PSMD12) Antibody

Catalogue No.: abx321829

26S Proteasome Non-ATPase Regulatory Subunit 12 (PSMD12) Antibody is a Rabbit Polyclonal against 26S Proteasome Non-ATPase Regulatory Subunit 12 (PSMD12). 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 3. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Target:	26S Proteasome Non-ATPase Regulatory Subunit 12 (PSMD12)
Clonality:	Polyclonal
Reactivity:	Human
Tested Applications:	ELISA, WB, IHC
Host:	Rabbit
Recommended dilutions:	WB: 1/1000 - 1/5000, IHC: 1/20 - 1/200. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant human 26S proteasome non-ATPase regulatory subunit 12 protein (197-456AA).
Isotype:	IgG
Form:	Liquid
Purification:	Antigen Affinity Chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	O00232 (UniProt , ExPASy)
Gene Symbol:	PSMD12
GeneID:	5718

Datasheet

Version: 5.0.0

Revision date: 28 Sep 2025



OMIM: [604450](#)

NCBI Accession: NP_001303270.1, NM_001316341.1, NP_002807.1, NM_002816.4

HGNC: 9557

KEGG: hsa:5718

Ensembl: ENSG00000197170

String: [9606.ENSP00000348442](#)

Buffer: PBS, pH 7.3, containing 0.02% sodium azide and 50% glycerol.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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