

26S Proteasome Non-ATPase Regulatory Subunit 3 (PSMD3) Antibody

Catalogue No.: abx212301

PSMD3 Antibody is a Rabbit Polyclonal against PSMD3. 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. This gene encodes a member of the proteasome subunit S3 family that functions as one of the non-ATPase subunits of the 19S regulator lid. Single nucleotide polymorphisms in this gene are associated with neutrophil count.

Target:	26S Proteasome Non-ATPase Regulatory Subunit 3 (PSMD3)
Clonality:	Polyclonal
Reactivity:	Human, Mouse
Tested Applications:	ELISA, WB, IHC
Host:	Rabbit
Recommended dilutions:	ELISA: 1/1000 - 1/5000, WB: 1/200 - 1/1000, IHC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Fusion protein of human PSMD3.
Isotype:	IgG
Form:	Liquid
Purification:	Antigen Affinity Chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	O43242 (UniProt , ExPASy)
Gene Symbol:	PSMD3
GeneID:	5709
OMIM:	617676

Datasheet

Version: 2.0.0

Revision date: 29 Sep 2025



NCBI Accession: NP_002800.2, NM_002809.3

HGNC: 9560

KEGG: hsa:5709

Ensembl: ENSG00000108344

String: [9606.ENSP00000264639](#)

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

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

For Reference Only