

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

Catalogue No.: abx212283

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.

<b>Target:</b>	26S Proteasome Non-ATPase Regulatory Subunit 3 (PSMD3)
<b>Clonality:</b>	Polyclonal
<b>Reactivity:</b>	Human, Mouse
<b>Tested Applications:</b>	ELISA, WB, IHC
<b>Host:</b>	Rabbit
<b>Recommended dilutions:</b>	ELISA: 1/1000 - 1/5000, WB: 1/200 - 1/1000, IHC: 1/25 - 1/100. Optimal dilutions/concentrations should be determined by the end user.
<b>Conjugation:</b>	Unconjugated
<b>Immunogen:</b>	Fusion protein of human PSMD3.
<b>Isotype:</b>	IgG
<b>Form:</b>	Liquid
<b>Purification:</b>	Antigen Affinity Chromatography.
<b>Storage:</b>	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
<b>UniProt Primary AC:</b>	O43242 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )
<b>Gene Symbol:</b>	PSMD3
<b>GeneID:</b>	<a href="#">5709</a>
<b>OMIM:</b>	<a href="#">617676</a>

# Datasheet

Version: 2.0.0  
Revision date: 13 Mar 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% NaN<sub>3</sub> 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