

26S Proteasome Non-ATPase Regulatory Subunit 5 (PSMD5) Antibody

Catalogue No.: abx122056

Rabbit Polyclonal against the PSMD5 protein. 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 non-ATPase subunit of the 19S regulator base that functions as a chaperone protein during 26S proteasome assembly.

Target:	26S Proteasome Non-ATPase Regulatory Subunit 5 (PSMD5)
Clonality:	Polyclonal
Reactivity:	Human
Tested Applications:	ELISA, WB, IHC
Host:	Rabbit
Recommended dilutions:	ELISA: 1/20000 - 1/80000, WB: 1/500 - 1/2000, IHC: 1/100 - 1/200. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant fragment corresponding to 11-265 AA of human PSMD5.
Isotype:	IgG
Form:	Lyophilized
Purification:	Purified by antigen affinity column chromatography.
Reconstitution:	Reconstitute in 100 µl of sterile distilled H ₂ O with 50% glycerol.
Storage:	Store at -20 °C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q16401 (UniProt , ExPASy)
Gene Symbol:	PSMD5
GeneID:	5711
OMIM:	604452

Datasheet

Version: 4.0.0
Revision date: 26 Jul 2025



NCBI Accession: NP_001257356.1, NM_001270427.1, NP_005038.1, NM_005047.3

HGNC: 9563

KEGG: hsa:5711

Ensembl: ENSG00000095261

String: [9606.ENSP00000210313](#)

Molecular Weight: Observed MW: 56 kDa

Buffer: Prior to lyophilization: 1% BSA and 0.02% NaN₃.

Specificity: Predicted to react with Mouse and Rat PSMD5.

Concentration: Lyophilized form: Not applicable.
After reconstitution: 1 mg/ml.

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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