

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

Catalogue No.: abx114752

Proteasome (Prosome, Macropain) 26S Subunit, Non-Atpase, 5 Antibody is a Rabbit Polyclonal antibody against Proteasome (Prosome, Macropain) 26S Subunit, Non-Atpase, 5. 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.

|                               |                                                                        |
|-------------------------------|------------------------------------------------------------------------|
| <b>Target:</b>                | 26S Proteasome Non-ATPase Regulatory Subunit 5 (PSMD5)                 |
| <b>Clonality:</b>             | Polyclonal                                                             |
| <b>Reactivity:</b>            | Human, Mouse, Rat                                                      |
| <b>Tested Applications:</b>   | ELISA, WB, IHC                                                         |
| <b>Host:</b>                  | Rabbit                                                                 |
| <b>Recommended dilutions:</b> | Optimal dilutions/concentrations should be determined by the end user. |
| <b>Conjugation:</b>           | Unconjugated                                                           |
| <b>Immunogen:</b>             | Human PSMD5.                                                           |
| <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>    | Q16401 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )            |
| <b>Gene Symbol:</b>           | PSMD5                                                                  |
| <b>GeneID:</b>                | <a href="#">5711</a>                                                   |
| <b>OMIM:</b>                  | <a href="#">604452</a>                                                 |

# Datasheet

Version: 2.0.0

Revision date: 08 Sep 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](#)

**Buffer:** PBS, pH 7.3, containing 0.1% 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.

For Reference Only