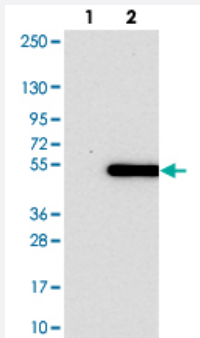


# PSMD11 polyclonal antibody

Catalog # PAB23916      Size 100 uL

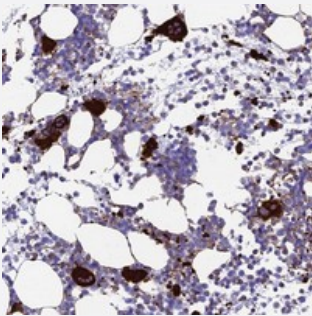
## Applications



### Western Blot (Transfected lysate)

Western blot analysis of Lane 1: Negative control (vector only transfected HEK293T lysate).

Lane 2: Over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells with PSMD11 polyclonal antibody (Cat # PAB23916).



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human bone marrow with PSMD11 polyclonal antibody (Cat # PAB23916) shows strong cytoplasmic positivity in megakaryocytes.

## Specification

|                            |  |
|----------------------------|--|
| <b>Product Description</b> | Rabbit polyclonal antibody raised against recombinant PSMD11.  |
| <b>Immunogen</b>           | Recombinant protein corresponding to amino acids of human PSMD11.  |
| <b>Sequence</b>            | ALLVEVQLLESKTYHALSNLPKARAALTSARTTANAIYCPPKLQATLDMQSGIIHAAEEKDWKTAYS<br>YFYEA FEGYDSIDSPKAITSLKYMLLCKIMLNTPEDVQALVSGKLALRYAGRQTEALKCVAQASKN<br>RSLA |
| <b>Host</b>                | Rabbit   |
| <b>Reactivity</b>          | Human  |
| <b>Form</b>                | Liquid   |

|                     |  |
|---------------------|--|
| Purification        | Antigen affinity purification  |
| Isotype             | IgG  |
| Recommend Usage     | Immunohistochemistry (1:20-1:50)<br>The optimal working dilution should be determined by the end user.                 |
| Storage Buffer      | In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)  |
| Storage Instruction | Store at 4°C. For long term storage store at -20°C.<br>Aliquot to avoid repeated freezing and thawing.                 |
| Note                | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |

## Applications

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## Gene Info — PSMD11

|                    |   |
|--------------------|---|
| Entrez GeneID      | <a href="#">5717</a>  |
| Protein Accession# | <a href="#">O00231</a>                                      |
| Gene Name          | PSMD11  |
| Gene Alias         | MGC3844, Rpn6, S9, p44.5                                    |
| Gene Description   | proteasome (prosome, macropain) 26S subunit, non-ATPase, 11 |
| Omim ID            | <a href="#">604449</a>                                      |
| Gene Ontology      | <a href="#">Hyperlink</a>                                   |

**Gene Summary**

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. [provided by RefSeq]

**Other Designations**

26S proteasome regulatory subunit 9|proteasome 26S non-ATPase subunit 11

## Pathway

- [Proteasome](#)