

## Rabbit PSMB4 Polyclonal Antibody | anti-PSMB4 antibody

PSMB4 Antibody

|                               |                       |                                        |                                                         |
|-------------------------------|-----------------------|----------------------------------------|---------------------------------------------------------|
| CATALOG #<br><b>AAA302106</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunofluorescence, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|---------------------------------------------------------|

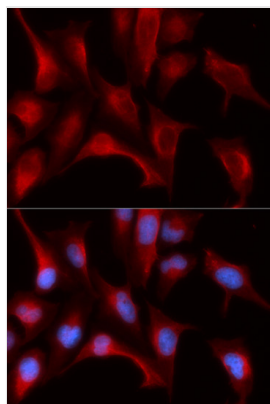
### PRODUCT SYNONYMS

PSMB4; Polyclonal Antibody; PSMB4 Antibody; HN3; HsN3; PROS26; PROS-26; anti-PSMB4 antibody

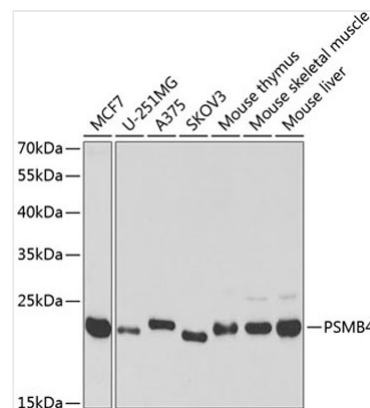
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                              |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                       |
| Reactivity                                      | Human, Mouse, Rat                                                                                                                                            |
| Clonality                                       | Polyclonal                                                                                                                                                   |
| Specificity                                     | The antibody detects endogenous level of total PSMB4 protein.                                                                                                |
| Purity/Purification                             | Antibodies were purified by affinity purification using immunogen.                                                                                           |
| Form/Format                                     | Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Concentration                                   | 1.0 mg/ml (varies by lot)                                                                                                                                    |
| Sequence Length                                 | 264                                                                                                                                                          |
| Applicable Applications for anti-PSMB4 antibody | IF (Immunofluorescence), WB (Western Blot)                                                                                                                   |
| Immunogen Type                                  | Recombinant Protein                                                                                                                                          |
| Immunogen Description                           | Recombinant protein of human PSMB4.                                                                                                                          |
| Target Name                                     | PSMB4                                                                                                                                                        |
| Preparation and Storage                         | Store at -20 degree C                                                                                                                                        |

### IMAGES


**IF (Immunofluorescence)**

Immunofluorescence analysis of U2OS cell using PSMB4 antibody. Blue: DAPI for nuclear staining.


**WB (Western Blot)**

Western blot analysis of extracts of various cell lines, using PSMB4 at 1:1000 dilution.

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-PSMB4 antibody | The proteasome is a multicatalytic proteinase complex with a highly ordered ring-shaped 20S core structure. The core structure 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. 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 member of the proteasome B-type family, also known as the T1B family, that is a 20S core beta subunit. |
| Product Categories/Family for anti-PSMB4 antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

NCBI AND UNIPROT INFORMATION

|                                  |                                                |
|----------------------------------|------------------------------------------------|
| NCBI GI #                        | 22538467                                       |
| NCBI GeneID                      | 5692                                           |
| NCBI Accession #                 | NP_002787.2                                    |
| NCBI GenBank Nucleotide #        | NM_002796.2                                    |
| UniProt Accession #              | P28070; P31148; Q5SZS5; Q6IBI4; Q969L6; B2R9L3 |
| Molecular Weight                 | SDS-PAGE MW: 29KD                              |
| NCBI Official Full Name          | proteasome subunit beta type-4                 |
| NCBI Official Synonym Full Names | proteasome subunit beta 4                      |
| NCBI Official Symbol             | PSMB4                                          |
| NCBI Official Synonym Symbols    | HN3; HsN3; PROS26; PROS-26                     |
| NCBI Protein Information         | proteasome subunit beta type-4                 |
| UniProt Protein Name             | Proteasome subunit beta type-4                 |
| UniProt Gene Name                | PSMB4                                          |
| UniProt Synonym Gene Names       | PROS26; HsBPROS26; PROS-26; HsN3               |
| UniProt Entry Name               | PSB4_HUMAN                                     |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/psmb4-antibody-immunofluorescence-western-blot-elisa/302106>