

26S Proteasome Regulatory Subunit 6A (PSMC3) Antibody (HRP)

Catalogue No.: abx304983

26S Proteasome Regulatory Subunit 6A (PSMC3) Antibody (HRP) is a Rabbit Polyclonal against 26S Proteasome Regulatory Subunit 6A (PSMC3) conjugated to HRP. 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 one of the ATPase subunits, a member of the triple-A family of ATPases that have chaperone-like activity. This subunit may compete with PSMC2 for binding to the HIV tat protein to regulate the interaction between the viral protein and the transcription complex. A pseudogene has been identified on chromosome 9.

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| Target: | 26S Proteasome Regulatory Subunit 6A (PSMC3) |
| Clonality: | Polyclonal |
| Reactivity: | Human |
| Tested Applications: | ELISA |
| Host: | Rabbit |
| Recommended dilutions: | Optimal dilutions/concentrations should be determined by the end user. |
| Conjugation: | HRP |
| Immunogen: | Recombinant human 26S protease regulatory subunit 6A protein (1-300AA). |
| Isotype: | IgG |
| Form: | Liquid |
| Purity: | > 95% |
| Purification: | Purified by Protein G. |
| Storage: | Aliquot and store at -20°C. Avoid exposure to light. Avoid repeated freeze/thaw cycles. |
| UniProt Primary AC: | P17980 (UniProt , ExPASy) |
| Gene Symbol: | PSMC3 |

Datasheet

Version: 2.0.0

Revision date: 06 Jul 2025



GeneID: [5702](#)

OMIM: [186852](#)

NCBI Accession: NM_002804

HGNC: 9549

KEGG: hsa:5702

Ensembl: ENSG00000165916

String: [9606.ENSP00000481029](#)

Buffer: 0.01 M PBS, pH 7.4, 0.03% Proclin-300 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