

## 26S Proteasome Regulatory Subunit 6B (PSMC4) Antibody (Biotin)

Catalogue No.: abx317155

26S Proteasome Regulatory Subunit 6B (PSMC4) Antibody (Biotin) is a Rabbit Polyclonal against 26S Proteasome Regulatory Subunit 6B (PSMC4) conjugated to Biotin. 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 member of the triple-A family of ATPases that is a component of the 19S regulatory subunit and plays a role in 26S proteasome assembly. The encoded protein interacts with gankyrin, a liver oncoprotein, and may also play a role in Parkinson's disease through interactions with synphilin-1. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

|                               |   |
|-------------------------------|---|
| <b>Target:</b>                | 26S Proteasome Regulatory Subunit 6B (PSMC4)  |
| <b>Clonality:</b>             | Polyclonal  |
| <b>Reactivity:</b>            | Human   |
| <b>Tested Applications:</b>   | ELISA   |
| <b>Host:</b>                  | Rabbit  |
| <b>Recommended dilutions:</b> | Optimal dilutions/concentrations should be determined by the end user.                  |
| <b>Conjugation:</b>           | Biotin  |
| <b>Immunogen:</b>             | Recombinant Human 26S protease regulatory subunit 6B protein (112-181AA).               |
| <b>Isotype:</b>               | IgG   |
| <b>Form:</b>                  | Liquid  |
| <b>Purity:</b>                | > 95%   |
| <b>Purification:</b>          | Purified by Protein G.  |
| <b>Storage:</b>               | Aliquot and store at -20°C. Avoid exposure to light. Avoid repeated freeze/thaw cycles. |
| <b>UniProt Primary AC:</b>    | P43686 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )                             |
| <b>Gene Symbol:</b>           | PSMC4   |
| <b>GeneID:</b>                | <a href="#">5704</a>  |

# Datasheet

Version: 3.0.0

Revision date: 30 Sep 2025



**OMIM:** [602707](#)

**NCBI Accession:** NP\_006494.1, NM\_006503.3, NP\_694546.1, NM\_153001.2

**HGNC:** 9551

**KEGG:** hsa:5704

**Ensembl:** ENSG00000013275

**String:** [9606.ENSP00000157812](#)

**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