

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

Catalogue No.: abx318162

26S Proteasome Regulatory Subunit 6B (PSMC4) Antibody is a Rabbit Polyclonal against 26S Proteasome Regulatory Subunit 6B (PSMC4). 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, Mouse
<b>Tested Applications:</b>	ELISA, WB, IHC
<b>Host:</b>	Rabbit
<b>Recommended dilutions:</b>	WB: 1/500 - 1/5000, IHC: 1/500 - 1/1000. Optimal dilutions/concentrations should be determined by the end user.
<b>Conjugation:</b>	Unconjugated
<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 repeated freeze/thaw cycles.
<b>UniProt Primary AC:</b>	P43686 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )
<b>Gene Symbol:</b>	PSMC4

# Datasheet

Version: 2.0.0  
Revision date: 23 Dec 2024



**GeneID:** [5704](#)

**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.

For Reference Only