

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.

Target:	26S Proteasome Regulatory Subunit 6B (PSMC4)
Clonality:	Polyclonal
Reactivity:	Human, Mouse
Tested Applications:	ELISA, WB, IHC
Host:	Rabbit
Recommended dilutions:	WB: 1/500 - 1/5000, IHC: 1/500 - 1/1000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant Human 26S protease regulatory subunit 6B protein (112-181AA).
Isotype:	IgG
Form:	Liquid
Purity:	> 95%
Purification:	Purified by Protein G.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P43686 (UniProt , ExPASy)
Gene Symbol:	PSMC4

Datasheet

Version: 3.0.0

Revision date: 25 Apr 2025



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. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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