

26S Proteasome Regulatory Subunit 8 (PSMC5) Antibody (Biotin)

Catalogue No.: abx317158

26S Proteasome Regulatory Subunit 8 (PSMC5) Antibody (Biotin) is a Rabbit Polyclonal against 26S Proteasome Regulatory Subunit 8 (PSMC5) 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. 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 which have a chaperone-like activity. In addition to participation in proteasome functions, this subunit may participate in transcriptional regulation since it has been shown to interact with the thyroid hormone receptor and retinoid X receptor-alpha. Two transcript variants encoding different isoforms have been found for this gene.

Target:	26S Proteasome Regulatory Subunit 8 (PSMC5)
Clonality:	Polyclonal
Reactivity:	Human
Tested Applications:	ELISA
Host:	Rabbit
Recommended dilutions:	Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Biotin
Immunogen:	Recombinant Human 26S protease regulatory subunit 8 protein (253-324AA).
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:	P62195 (UniProt , ExPASy)
Gene Symbol:	PSMC5

Datasheet

Version: 2.0.0

Revision date: 26 Oct 2025



GeneID: [5705](#)

OMIM: [601681](#)

NCBI Accession: NP_001186092.1, NM_001199163.1, NP_002796.4, NM_002805.5

KEGG: hsa:5705

String: [9606.ENSPP00000310572](#)

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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