Datasheet

Version: 2.0.0 Revision date: 22 Oct 2025



26S Proteasome Regulatory Subunit 10B (PSMC6) Antibody (Biotin)

Catalogue No.:abx304989

26S Proteasome Regulatory Subunit 10B (PSMC6) Antibody (Biotin) is a Rabbit Polyclonal against 26S Proteasome Regulatory Subunit 10B (PSMC6) 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. Pseudogenes have been identified on chromosomes 8 and

Target:	26S Proteasome Regulatory Subunit 10B (PSMC6)
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 10B protein (1-260AA).
Isotype:	lgG
Form:	Liquid
Purity:	> 95%
Purification:	Purified by Protein G.

v1.0.0

GeneID:

Storage:

UniProt Primary AC:

Gene Symbol:

P62333 (UniProt, ExPASy)

PSMC6

5706

Aliquot and store at -20°C. Avoid exposure to light. Avoid repeated freeze/thaw cycles.

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OMIM: <u>602708</u>

HGNC: 9553

KEGG: hsa:5706

Ensembl: ENSG0000100519

String: <u>9606.ENSP00000401802</u>

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.



2 of 2