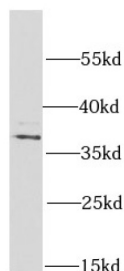
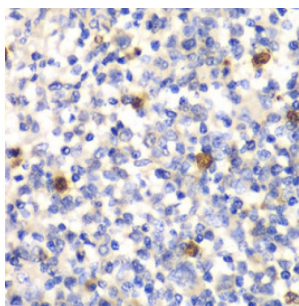


## 26S Proteasome Non-ATPase Regulatory Subunit 7 (PSMD7) Antibody

Catalogue No.: abx236893



WB analysis of HepG2 cells, using PSMD7 antibody (1/1000 dilution).



IHC-P analysis of mouse spleen tissue, using PSMD7 antibody (1/100 dilution).

PSMD7 Antibody is a Rabbit Polyclonal against PSMD7. 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 a non-ATPase subunit of the 19S regulator. A pseudogene has been identified on chromosome 17.

**Target:** 26S Proteasome Non-ATPase Regulatory Subunit 7 (PSMD7)

**Clonality:** Polyclonal

**Reactivity:** Human, Mouse

**Tested Applications:** ELISA, WB, IHC, IF/ICC

**Host:** Rabbit

**Recommended dilutions:** WB: 1/500 - 1/2000, IHC: 1/50 - 1/200, IF/ICC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.

**Conjugation:** Unconjugated

**Immunogen:** proteasome (prosome, macropain) 26S subunit, non-ATPase, 7

# Datasheet

Version: 3.0.0  
Revision date: 08 Aug 2025



Isotype:	IgG
Form:	Liquid
Purity:	≥ 95% (SDS-PAGE)
Purification:	Purified by immunogen affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
Validity:	12 months.
UniProt Primary AC:	P51665 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )
Gene Symbol:	PSMD7
GeneID:	<a href="#">5713</a>
OMIM:	<a href="#">157970</a>
HGNC:	9565
KEGG:	hsa:5713
Ensembl:	ENSG00000103035
String:	<a href="#">9606.ENSP00000219313</a>
Molecular Weight:	Observed MW: 38 kDa
Buffer:	PBS, pH 7.3, with 0.02% sodium azide and 50% glycerol.
Concentration:	2 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.