26S Proteasome Non-ATPase Regulatory Subunit 9 (PSMD9) Antibody

Catalogue No.:abx302272

PSMD9 Antibody is a Rabbit Polyclonal against PSMD9. 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. Three transcript variants encoding two different isoforms have been found for this gene.

Target:	26S Proteasome Non-ATPase Regulatory Subunit 9 (PSMD9)
Clonality:	Polyclonal
Reactivity:	Human
Tested Applications:	ELISA, IHC, IF/ICC
Host:	Rabbit
Recommended dilutions:	IHC: 1/20 - 1/200, IF/ICC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant Human 26S proteasome non-ATPase regulatory subunit 9 protein (103-150AA).
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:	O00233 (UniProt, ExPASy)
Gene Symbol:	PSMD9
GeneID:	5715

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OMIM:	603146
NCBI Accession:	NP_001248329.1, NM_001261400.2, NP_002804.2, NM_002813.6
KEGG:	hsa:5715
Ensembl:	ENSG00000110801
String:	9606.ENSP00000440485
Buffer:	0.01 M PBS, pH 7.4, 0.03% Proclin-300 and 50% Glycerol.
Note:	This product is for research use only.

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