

Rabbit PSMD11 Polyclonal Antibody | anti-PSMD11 antibody

PSMD11 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286565	Rabbit	Human, mouse (Predicted Reactivity: Bovine, Rat)	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

PSMD11; Polyclonal Antibody; PSMD11 Antibody (C-term); 26S proteasome non-ATPase regulatory subunit 11; 26S proteasome regulatory subunit RPN6; 26S proteasome regulatory subunit S9; 26S proteasome regulatory subunit p445; anti-PSMD11 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Bovine, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PSMD11 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 288-317 amino acids from the C-terminal region of human PSMD11.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	288-317
Sequence Length	423
Applicable Applications for anti-PSMD11 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

PSMD11 Antibody (C-term) western blot analysis in mouse kidney tissue lysates (35ug/lane). This demonstrates the PSMD11 antibody detected the PSMD11 protein (arrow).



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human lung carcinoma tissue reacted with PSMD11 antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)

Western blot analysis of PSMD11 Antibody (C-term) in 293, Jurkat cell line lysates (35ug/lane). PSMD11 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-PSMD11 antibody	The 26S proteasome (PSMD11) 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. The protein is a non-ATPase subunit of the 19S regulator.
Product Categories/Family for anti-PSMD11 antibody	Cell Biology
References	Saito,A., Gene 203 (2), 241-250 (1997) Hoffman,L., FEBS Lett. 404 (2-3), 179-184 (1997)

NCBI AND UNIPROT INFORMATION

NCBI GI #	394953908
NCBI GeneID	5717
NCBI Accession #	NP_001257411.1; NP_002806.2
NCBI GenBank Nucleotide #	NM_001270482.1
UniProt Accession #	O00231; O00495; Q53FT5; A8K3I7; E1P663
Molecular Weight	47464
NCBI Official Full Name	26S proteasome non-ATPase regulatory subunit 11
NCBI Official Synonym Full Names	proteasome (prosome, macropain) 26S subunit, non-ATPase, 11
NCBI Official Symbol	PSMD11
NCBI Official Synonym Symbols	S9; Rpn6; p44.5
NCBI Protein Information	26S proteasome non-ATPase regulatory subunit 11
UniProt Protein Name	26S proteasome non-ATPase regulatory subunit 11
UniProt Gene Name	PSMD11
UniProt Entry Name	PSD11_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.