

Rabbit anti-Human PSMD5/26S Proteasome Subunit S5B Polyclonal Antibody | anti-PSMD5 antibody

Rabbit anti-PSMD5/26S Proteasome Subunit S5B Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213046	Rabbit	Human	Immunoprecipitation, Western Blot

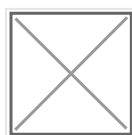
PRODUCT SYNONYMS

PSMD5/26S Proteasome Subunit S5B; Polyclonal Antibody; Rabbit anti-PSMD5/26S Proteasome Subunit S5B Antibody; Affinity Purified; 26S protease subunit S5 basic; S5B; proteasome (prosome; macropain) 26S subunit; non-ATPase; 5; 26S proteasome non-ATPase regulatory subunit 5; 26S proteasome subunit S5B; proteasome 26S subunit; non-ATPase 5; anti-PSMD5 antibody

PRODUCT SPECIFICATIONS

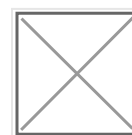
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-PSMD5 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 325 and 375
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human PSMD5 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-PSMD5 antibody AAA213046 (lot AAA213046-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of human PSMD5 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-PSMD5 antibody AAA213046 (lot AAA213046-1) used for IP at 6 ug per reaction. PSMD5 was also immunoprecipitated by rabbit anti-PSMD5 antibody BL19749. For blotting immunoprecipitated PSMD5, AAA213046 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-PSMD5 antibody

PSMD5/26S Proteasome Subunit S5B acts as a chaperone during the assembly of the 26S proteasome, specifically of the base subcomplex of the PA700/19S regulatory complex (RC). In the initial step of the base subcomplex assembly is part of an intermediate PSMD5:PSMC2:PSMC1:PSMD2 module which probably assembles with a PSMD10:PSMC4:PSMC5:PAAF1 module followed by dissociation of PSMD5 [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q16401].

NCBI AND UNIPROT INFORMATION

NCBI GI #	4826952
NCBI GeneID	5711
NCBI Accession #	NP_005038.1
NCBI GenBank Nucleotide #	NM_005047.4
UniProt Accession #	Q16401; Q15045; Q4VXG8; B4DZM8
Molecular Weight	51,312 Da
NCBI Official Full Name	26S proteasome non-ATPase regulatory subunit 5 isoform 1
NCBI Official Synonym Full Names	proteasome 26S subunit, non-ATPase 5
NCBI Official Symbol	PSMD5
NCBI Official Synonym Symbols	S5B
NCBI Protein Information	26S proteasome non-ATPase regulatory subunit 5
UniProt Protein Name	26S proteasome non-ATPase regulatory subunit 5
UniProt Gene Name	PSMD5
UniProt Synonym Gene Names	KIAA0072
UniProt Entry Name	PSMD5_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/psmd5-26s-proteasome-subunit-s5b-antibody-immunoprecipitation-western-blot-elisa/213046>