

Rabbit anti-Human PSMD6 Polyclonal Antibody | anti-PSMD6 antibody

Anti-PSMD6 Antibody, Rabbit Polyclonal

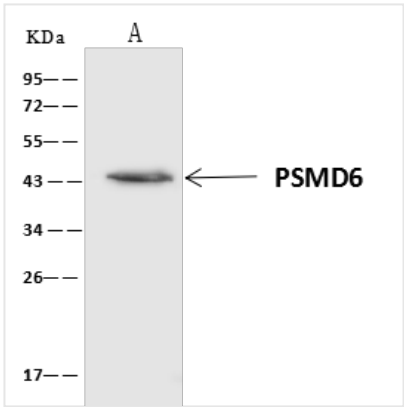
CATALOG # AAA256009	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
-------------------------------	-----------------------	----------------------------	--

PRODUCT SYNONYMS

PSMD6; Polyclonal Antibody; Anti-PSMD6 Antibody; Rabbit Polyclonal; PSMD6 Antibody; Rabbit PAb; Antigen Affinity Purified; proteasome 26S subunit; non-ATPase 6; Anti-p42A Antibody; Anti-p44S10 Antibody; Anti-Rpn7 Antibody; Anti-S10 Antibody; Anti-SGA-113M Antibody; anti-PSMD6 antibody

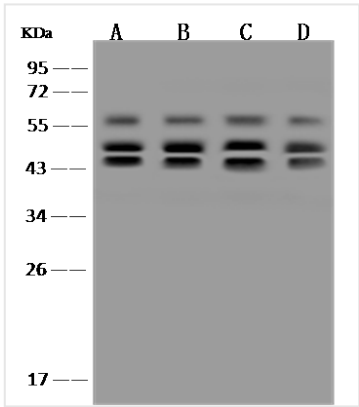
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human PSMD6
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-PSMD6 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	E Coli-derived Human PSMD6 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human PSMD6 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.



IP (Immunoprecipitation)

PSMD6 was immunoprecipitated using: Lane A: 0.5 mg K562 Whole Cell Lysate, 4 uL anti-PSMD6 rabbit polyclonal antibody and 60 ug of Immnomagnetic beads Protein A/G. Primary antibody: Anti-PSMD6 rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Clean-Blot IP Detection Reagent (HRP) at 1:1000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 46 kDa. Observed band size: 46 kDa.



WB (Western Blot)

Anti-PSMD6 rabbit polyclonal antibody at 1:500 dilution. Lane A: Jurkat Whole Cell Lysate. Lane B: Raji Whole Cell Lysate. Lane C: K562 Whole Cell Lysate. Lane D: THP-1 Whole Cell Lysate. Lysates/proteins at 30 ug per lane. Secondary: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 46 kDa. Observed band size: 46 kDa. (We are unsure as to the identity of these extra bands.)

ADDITIONAL INFORMATION

Related Product Information for anti-PSMD6 antibody	PSMD6 (Proteasome 26S Subunit, Non-ATPase 6) is a Protein Coding gene. The PSMD6 gene, located on 3p14.1, is conserved in chimpanzee, Rhesus monkey, dog, cow, mouse, rat, chicken, zebrafish, fruit fly, mosquito, C.elegans, A.thaliana, rice, and frog. This gene encodes a member of the protease subunit S10 family. The encoded protein is a subunit of the 26S proteasome which colocalizes with DNA damage foci and is involved in the ATP-dependent degradation of ubiquitinated proteins. PSMD6 is widely expressed in testis, bone marrow, and other tissues. The related pathways of PSMD6 are Regulation of activated PAK-2p34 by proteasome-mediated degradation and Antigen processing-Cross presentation. PSMD6 has been shown to interact with PSMD13.
References	Li J, et al. (2015) Increased new lncrna-mrna gene pair levels in human cumulus cells correlate with oocyte maturation and embryo development. Reprod Sci 22 (8): 1008-1014. Gudmundsdottir K, et al. (2007) The proteasome is involved in determining differential utilization of double-strand break repair pathways. Oncogene 26 (54): 7601-7606. Chen M, et al. (2015) A variant of psmd6 is associated with the therapeutic efficacy of oral antidiabetic drugs in chinese type 2 diabetes patients. Sci Rep 5 10701.

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.