

Rabbit anti-Human PSMD4 Polyclonal Antibody | anti-PSMD4 antibody

Anti-PSMD4 Antibody, Rabbit Polyclonal

CATALOG # AAA258945	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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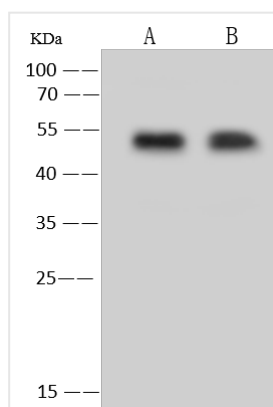
PRODUCT SYNONYMS

PSMD4; Polyclonal Antibody; Anti-PSMD4 Antibody; Rabbit Polyclonal; proteasome 26S subunit; non-ATPase 4; Anti-AF Antibody; Anti-AF-1 Antibody; Anti-ASF Antibody; Anti-MCB1 Antibody; Anti-pUB-R5 Antibody; Anti-Rpn10 Antibody; Anti-S5A Antibody; anti-PSMD4 antibody

PRODUCT SPECIFICATIONS

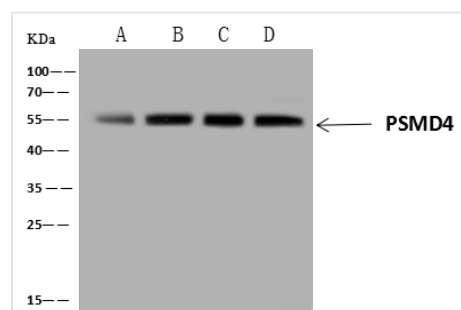
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human PSMD4
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-PSMD4 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	E coli-derived Human PSMD4 fragment
Preparation	Produced in rabbits immunized with E coli-derived Human PSMD4 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.

IMAGES



WB (Western Blot)

Anti-PSMD4 rabbit polyclonal antibody at 1:500 dilution Lane A: Jurkat Whole Cell Lysate Lane B: HeLa 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: 40 kDa Observed band size: 54 kDa



IP (Immunoprecipitation)

PSMD4 was immunoprecipitated using: Lane A: 0.5 mg Jurkat Whole Cell Lysate Lane B: 0.5 mg HeLa Whole Cell Lysate Lane C: 0.5 mg 293T Whole Cell Lysate Lane D: 0.5 mg K562 Whole Cell Lysate 4 uL anti-PSMD4 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-PSMD4 rabbit polyclonal antibody, at 1:100 dilution Secondary antibody: Clean-Blot IP Detection Reagent (HRP) at 1:10000 dilution Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 40 kDa Observed band size: 55 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-PSMD4 antibody	PSMD4 (Proteasome 26S Subunit, Non-ATPase 4) is a Protein Coding gene. The PSMD4 gene, located on 1q21.3, is conserved in chimpanzee, Rhesus monkey, dog, cow, mouse, and rat, etc. This gene encodes one of the non-ATPase subunits of the 19S regulator lid. Pseudogenes have been identified on chromosomes 10 and 21. PSMD4 is a major receptor of the 26S proteasome involved in ubiquitin-dependent and proteasome-mediated protein degradation. PSMD4 is widely expressed in the testis, placenta, and other tissues. Diseases associated with PSMD4 include Cholera and Cystic Fibrosis. The related pathways of PSMD4 are Regulation of activated PAK-2p34 by proteasome-mediated degradation and Antigen processing-Cross presentation.
References	Ma AG, et al. (2019) Psmd4 regulates the malignancy of esophageal cancer cells by suppressing endoplasmic reticulum stress. Kaohsiung J Med Sci 35 (10): 591-597. Gustafsson AM, et al. (2018) Low levels of anti-secretory factor in placenta are associated with preterm birth and inflammation. Acta Obstet Gynecol Scand 97 (3): 349-356. Cai MJ, et al. (2019) Inhibition of psmd4 blocks the tumorigenesis of hepatocellular carcinoma. Gene 702 66-74.

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/psmd4-antibody-immunoprecipitation-western-blot-elisa/258945>