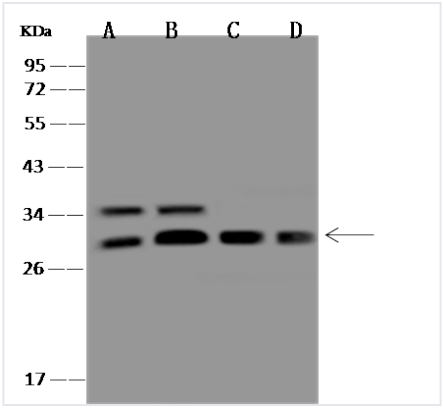
PSMD9 Antibody – Rabbit Polyclonal

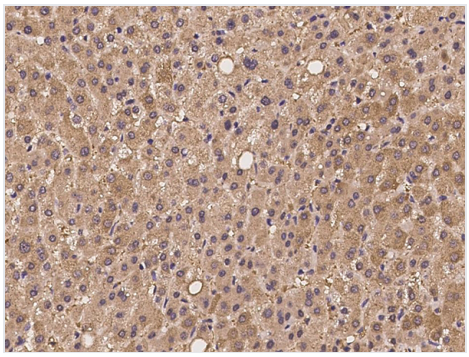
PRODUCT OVERVIEW

Product Name	PSMD9, Polyclonal Antibody
Full Product Name	Anti-PSMD9 Antibody, Rabbit Polyclonal
Product Gene Name	anti-PSMD9 antibody
Product Synonym Names	PSMD9 Antibody, Rabbit PAb, Antigen Affinity Purified; Anti-p27 Antibody; Anti-Rpn4 Antibody
Clonality	Polyclonal
Isotype	Rabbit IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Purity/Purification	Protein A & Antigen Affinity
Specificity	Human PSMD9
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.
Immunogen	E Coli-derived Human PSMD9 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human PSMD9 fragment, and purified by antigen affinity chromatography.
Applications Tested/Suitable for anti-PSMD9 antibody	Western Blot (WB), Immunohistochemistry-Paraffin (IHC-P), Immunoprecipitation (IP)
Application Notes for anti-PSMD9 antibody	WB: 1:500-1:2000 IHC-P: 1:50-1:200 IP: 1-5uL/mg of lysate
Related Product Information for anti-PSMD9 antibody	Proteasome 26S non-ATPase Subunit 9 (PSMD9), a proteasomal assembly chaperone, lies in the 12q24 locus and harbors a PDZ domain. PSMD9 plays a role in transcriptional regulation, mRNA processing and editing, hormone and receptor activity and protein translation. Interacting partners of PSMD9 include hnRNPA1 (an RNA binding protein), S14 (a ribosomal protein), CSH1 (a growth hormone), E12 (a transcription factor) and IL6 receptor. PSMD9 rare mutations contribute to type 2 diabetes (T2D). Proteasome Modulator 9 (PSMD9) is in linkage with type 2 diabetes (T2D), T2D-nephropathy, depression, microvascular and macrovascular pathology, carpal tunnel syndrome, and hypercholesterolemia in Italian families.
Product References and Citations for anti-PSMD9 antibody	Sangith N, et al. (2014) Discovery of novel interacting partners of psmd9, a proteasomal chaperone: Role of an atypical and versatile pdz-domain motif interaction and identification of putative functional modules. FEBS Open Bio 4 571-583.Sahu I, et al. (2014) A novel role for the proteasomal chaperone psmd9 and hnrnpa1 in enhancing ikappabalpha degradation and nf-kappab activation-functional relevance of predicted pdz domain-motif interaction. Febs j 281 (11): 2688-2709.Gragnoli C (2011) Proteasome modulator 9 snps are linked to hypertension in type 2 diabetes families. Cardiovasc Diabetol 10 77.
Other Notes	Small volumes of anti-PSMD9 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

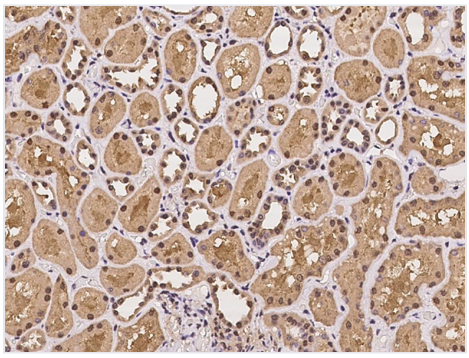
Searchable Terms for PSMD9 purchase	MBS8109644 is an antibody targeting PSMD9. Also known as Anti-PSMD9 Antibody, Rabbit Polyclonal. Reactive in Human. Host: Rabbit.



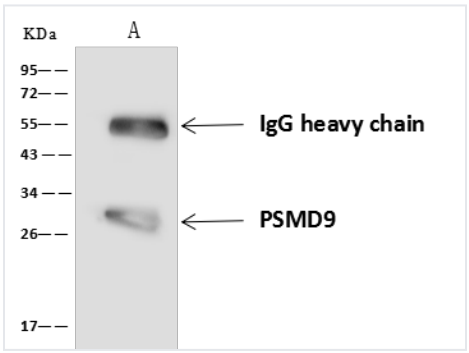
Western Blot (WB) of anti-PSMD9 antibody
Anti-PSMD9 rabbit polyclonal antibody at 1:500 dilution Lane A: HeLa Whole Cell Lysate Lane B: Jurkat Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size:25 kDa Observed band size:28 kDa (We are unsure as to the identity of these extra bands.)



Immunohistochemistry (IHC) of anti-PSMD9 antibody
Immunochemical staining of human PSMD9 in human liver with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



Immunohistochemistry (IHC) of anti-PSMD9 antibody
Immunochemical staining of human PSMD9 in human kidney with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



Immunoprecipitation (IP) of anti-PSMD9 antibody
PSMD9 was immunoprecipitated using: Lane A:0.5 mg Jurkat Whole Cell Lysate 4 uL anti-PSMD9 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-PSMD9 rabbit polyclonal antibody,at 1:100 dilution Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 28 kDa Observed band size :28 kDa

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PSMD9. It may not necessarily be applicable to this product.

Protein Family	26S proteasome non-ATPase regulatory
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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