

## Rabbit anti-Human PSMG3 Polyclonal Antibody | anti-PSMG3 antibody

Anti-PSMG3 Antibody, Rabbit Polyclonal

|                               |                       |                            |                                             |
|-------------------------------|-----------------------|----------------------------|---------------------------------------------|
| CATALOG #<br><b>AAA256660</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry</b> |
|-------------------------------|-----------------------|----------------------------|---------------------------------------------|

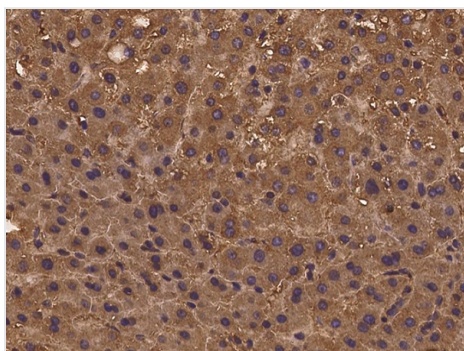
### PRODUCT SYNONYMS

PSMG3; Polyclonal Antibody; Anti-PSMG3 Antibody; Rabbit Polyclonal; PSMG3 Antibody; Rabbit PAb; Antigen Affinity Purified; proteasome (prosome; macropain) assembly chaperone 3; Anti-C7orf48 Antibody; Anti-PAC3 Antibody; anti-PSMG3 antibody

### PRODUCT SPECIFICATIONS

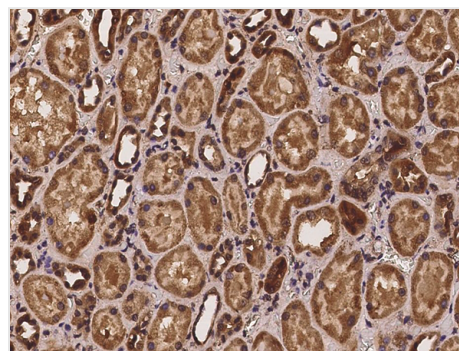
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|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                                                                                             |
| Reactivity                                      | Human                                                                                                                                                                                                                                              |
| Clonality                                       | Polyclonal                                                                                                                                                                                                                                         |
| Isotype                                         | Rabbit IgG                                                                                                                                                                                                                                         |
| Specificity                                     | Human PSMG3                                                                                                                                                                                                                                        |
| Purity/Purification                             | Protein A & Antigen Affinity                                                                                                                                                                                                                       |
| Form/Format                                     | Liquid; PBS, pH7.0 with 0.03% Proclin300                                                                                                                                                                                                           |
| Applicable Applications for anti-PSMG3 antibody | IHC (Immunohistochemistry)                                                                                                                                                                                                                         |
| Immunogen                                       | E Coli-derived Human PSMG3 fragment                                                                                                                                                                                                                |
| Conjugation                                     | Unconjugated                                                                                                                                                                                                                                       |
| Preparation                                     | Produced in rabbits immunized with E Coli-derived Human PSMG3 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



#### IHC (Immunohistochemistry)

Immunochemical staining of human PSMG3 in human liver with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



#### IHC (Immunohistochemistry)

Immunochemical staining of human PSMG3 in human kidney with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
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| Related Product Information for anti-PSMG3 antibody | PSMG3 (Proteasome Assembly Chaperone 3) is a Protein Coding gene. The PSMG3 gene, located on 7p22.3, is conserved in Rhesus monkey, dog, cow, mouse, rat, chicken, zebrafish, and frog. PSMG3 is a chaperone protein that promotes the assembly of the 20S proteasome. PSMG3 may cooperate with PSMG1-PSMG2 heterodimers to orchestrate the correct assembly of proteasomes. PSMG3 is widely expressed in bone marrow, skin, and other tissues. LncRNA PSMG3-AS1 has been reported to promote breast cancer. PSMG3-AS1 has been characterized as an oncogenic lncRNA in breast cancer. miR-143-3p may target PSMG3-AS1 to inhibit the proliferation of hepatocellular carcinoma (HCC) cells. 237 organisms have orthologs with the human gene PSMG3. |
| References                                          | Zhang J, et al. (2020) Mir-143-3p targets lncrna psmg3-as1 to inhibit the proliferation of hepatocellular carcinoma cells. Cancer Manag Res 12 6303-6309. Yue N, et al. (2020) Mir-449b-5p targets lncrna psmg3-as1 to suppress cancer cell proliferation in lung adenocarcinoma. BMC Pulm Med 20 (1): 152. Kurimoto E, et al. (2017) Crystal structure of human proteasome assembly chaperone pac4 involved in proteasome formation. Protein Sci 26 (5): 1080-1085.                                                                                                                                                                                                                                                                                 |

**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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://www.aaabiotech.com/polyclonal/psmg3-antibody-immunohistochemistry-elisa/256660>