

Rabbit anti-Human PSMA1 Polyclonal Antibody | anti-PSMA1 antibody

Anti-PSMA1 Antibody, Rabbit Polyclonal

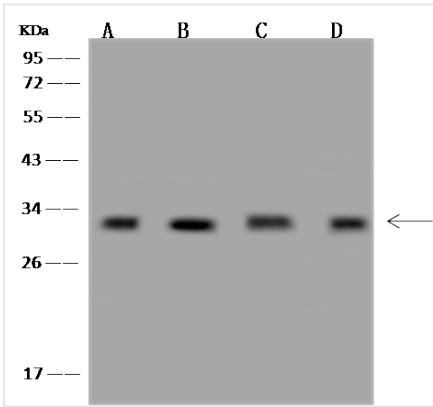
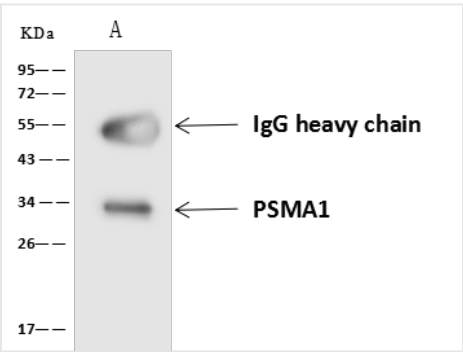
CATALOG # AAA256004	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

PSMA1; Polyclonal Antibody; Anti-PSMA1 Antibody; Rabbit Polyclonal; PSMA1 Antibody; Rabbit PAb; Antigen Affinity Purified; proteasome (prosome; macropain) subunit; alpha type; 1; Anti-HC2 Antibody; Anti-HEL-S-275 Antibody; Anti-NU Antibody; Anti-PROS30 Antibody; anti-PSMA1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human PSMA1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-PSMA1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	E Coli-derived Human PSMA1 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human PSMA1 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)
PSMA1 was immunoprecipitated using: Lane A: 0.5 mg Jurkat Whole Cell Lysate 4 uL anti-PSMA1 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-PSMA1 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: 30 kDa. Observed band size: 30 kDa.

WB (Western Blot)
Anti-PSMA1 rabbit polyclonal antibody at 1:500 dilution. Lane A: Jurkat Whole Cell Lysate. Lane B: HeLa Whole Cell Lysate. Lane C: HepG2 Whole Cell Lysate. Lane D: PC3 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: 30 kDa. Observed band size: 30 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-PSMA1 antibody	PSMA1 (Proteasome 20S Subunit Alpha 1) is a Protein Coding gene. The PSMA1 gene, located on 11p15.2, is conserved in chimpanzee, Rhesus monkey, dog, cow, mouse, and rat, etc. This gene encodes a member of the peptidase T1A family, which is a 20S core alpha subunit. Alternative splicing results in multiple transcript variants encoding distinct isoforms. PSMA1 is widely expressed in the appendix, placenta, and other tissues. Diseases associated with PSMA1 include Cystic Fibrosis and Alzheimer's Disease. PSMA1 is the direct target gene of miR-27a in pancreatic cancer and is considered as a potential biomarker for HBV-associated hepatocellular carcinoma. The related pathways of PSMA1 are Regulation of activated PAK-2p34 by proteasome-mediated degradation and Antigen processing-Cross presentation.
References	Zhang TT, et al. (2013) [target prediction and verification of mir-27a in pancreatic cancer]. Zhonghua Bing Li Xue Za Zhi 42 (6): 392-396. Qin J, et al. (2017) Identification of proteasome subunit alpha type-1 as a novel biomarker in hbv-associated hepatocellular carcinoma tissue interstitial fluid by proteomic analysis. Int J Clin Exp Pathol 10 (7): 7812-7820. Cron KR, et al. (2013) Proteasome inhibitors block DNA repair and radiosensitize non-small cell lung cancer. PLoS One 8 (9): e73710.

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://www.aaabiotech.com/polyclonal/psma1-antibody-immunoprecipitation-western-blot-elisa/256004>