# Rabbit PSMA5 Polyclonal Antibody | anti-PSMA5 antibody

Anti-PSMA5 Antibody

| CATALOG # | HOST | REACTIVITY | APPLICATIONS |
|---|---|---|---|
| **AAA262320** | **Rabbit** | **Human, Mouse, Rat** | **Immunocytochemistry, Immunofluorescence, Western Blot** |

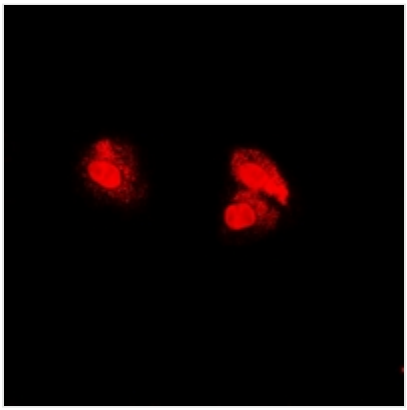
## PRODUCT SYNONYMS

PSMA5; Polyclonal Antibody; Anti-PSMA5 Antibody; Proteasome subunit alpha type-5; Macropain zeta chain; Multicatalytic endopeptidase complex zeta chain; Proteasome zeta chain; anti-PSMA5 antibody

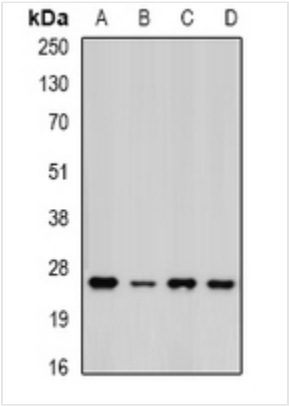
## PRODUCT SPECIFICATIONS

| | |
|---|---|
| **Host** | Rabbit |
| **Reactivity** | Human, Mouse, Rat |
| **Clonality** | Polyclonal |
| **Specificity** | Recognizes endogenous levels of PSMA5 protein. |
| **Purity/Purification** | The antibody was purified by immunogen affinity chromatography. |
| **Form/Format** | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide. |
| **Sequence Length** | 183 |
| **Applicable Applications for anti-PSMA5 antibody** | ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot) |
| **Immunogen** | Recombinant full length protein of human PSMA5 |
| **Preparation and Storage** | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles. |

## IMAGES



**IF (Immunofluorescence)**
Immunofluorescent analysis of PSMA5 staining in U2OS cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.




**WB (Western Blot)**
Western blot analysis of PSMA5 expression in MCF7 (A), HepG2 (B), mouse liver (C), mouse heart (D) whole cell lysates.

## ADDITIONAL INFORMATION

| | |
|---|---|
| **Related Product Information for anti-PSMA5 antibody** | Rabbit polyclonal antibody to PSMA5 |

## NCBI AND UNIPROT INFORMATION

| | |
|---|---|
| **NCBI GI #** | 315138981 |
| **NCBI GeneID** | 5686 |
| **NCBI Accession #** | NP_001186701.1 |
| **NCBI GenBank Nucleotide #** | NM_001199772.1 |
| **UniProt Accession #** | P28066; Q3T1C1; Q6IBF7; B2R8F6; B4E2V4 |
| **Molecular Weight** | 20,035 Da |
| **NCBI Official Full Name** | proteasome subunit alpha type-5 isoform 2 |
| **NCBI Official Synonym Full Names** | proteasome subunit alpha 5 |
| **NCBI Official Symbol** | PSMA5 |
| **NCBI Official Synonym Symbols** | PSC5; ZETA |
| **NCBI Protein Information** | proteasome subunit alpha type-5 |
| **UniProt Protein Name** | Proteasome subunit alpha type-5 |
| **UniProt Gene Name** | **PSMA5** |
| **UniProt Entry Name** | PSA5_HUMAN |

**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/psma5-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/262320