

## Rabbit PSMA6 Polyclonal Antibody | anti-PSMA6 antibody

PSMA6 Polyclonal Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                           |
|-----------|--------|-------------------|--------------------------------------------------------|
| AAA312881 | Rabbit | Human, Mouse, Rat | Immunofluorescence, Immunohistochemistry, Western Blot |

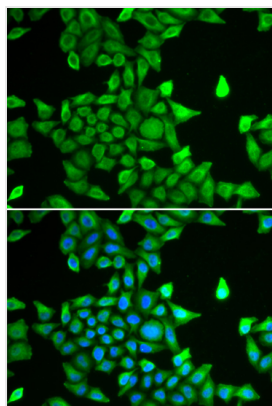
### PRODUCT SYNONYMS

PSMA6; Polyclonal Antibody; PSMA6 Polyclonal Antibody; IOTA; PROS27; p27K; anti-PSMA6 antibody

### PRODUCT SPECIFICATIONS

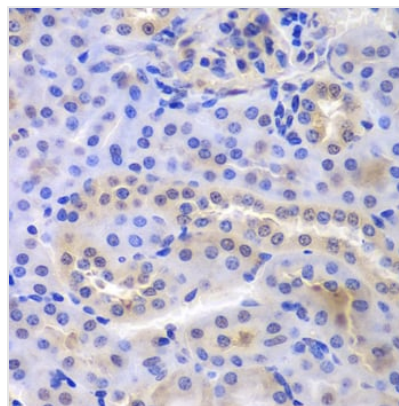
|                                                 |                                                                                                                                                                                                                  |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                                                           |
| Reactivity                                      | Human, Mouse, Rat                                                                                                                                                                                                |
| Clonality                                       | Polyclonal                                                                                                                                                                                                       |
| Isotype                                         | IgG                                                                                                                                                                                                              |
| Purity/Purification                             | Affinity purification                                                                                                                                                                                            |
| Form/Format                                     | Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH7.4, 150mM NaCl, 0.02% sodium azide and 61% glycerol.<br>PBS with 0.02% sodium azide, 50% glycerol, pH7.14 |
| Concentration                                   | 1mg/ml (varies by lot)                                                                                                                                                                                           |
| Applicable Applications for anti-PSMA6 antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                                           |
| Immunogen                                       | Recombinant fusion protein of human PSMA6 (NP_002782.1)                                                                                                                                                          |
| Preparation and Storage                         | Store at -20 degree C. Avoid freeze/thaw cycles.                                                                                                                                                                 |

### IMAGES



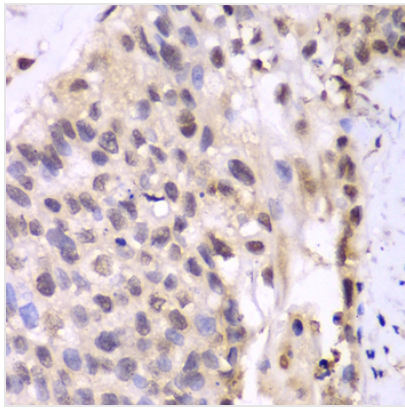
#### IF (Immunofluorescence)

Immunofluorescence analysis of MCF-7 cells using PSMA6 antibody . Blue: DAPI for nuclear staining.



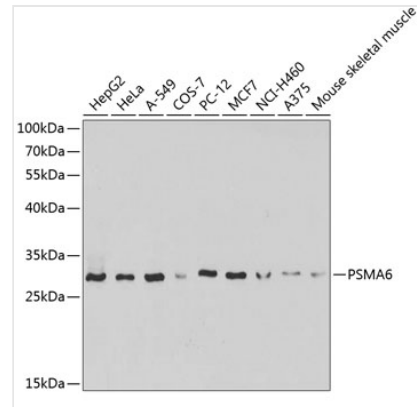
#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse kidney using PSMA6 antibody at dilution of 1:100 .



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human lung cancer using PSMA6 antibody at dilution of 1:100 .



#### WB (Western Blot)

Western blot analysis of extracts of various cell lines, using PSMA6 antibody at 1:1000 dilution.

### ADDITIONAL INFORMATION

#### Related Product Information for anti-PSMA6 antibody

The proteasome is a multicatalytic proteinase complex with a highly ordered ring-shaped 20S core structure. The core structure is composed of 4 rings of 28 non-identical subunits; 2 rings are composed of 7 alpha subunits and 2 rings are composed of 7 beta subunits. Proteasomes are distributed throughout eukaryotic cells at a high concentration and cleave peptides in an ATP/ubiquitin-dependent process in a non-lysosomal pathway. An essential function of a modified proteasome, the immunoproteasome, is the processing of class I MHC peptides. This gene encodes a member of the peptidase T1A family, that is a 20S core alpha subunit. Multiple transcript variants encoding several different isoforms have been found for this gene. A pseudogene has been identified on the Y chromosome.

#### Product Categories/Family for anti-PSMA6 antibody

Total protein Ab

### NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                             |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 23110944                                                                                                                                                                                                                                                    |
| NCBI GeneID                      | 5687                                                                                                                                                                                                                                                        |
| NCBI Accession #                 | NP_002782.1                                                                                                                                                                                                                                                 |
| NCBI GenBank Nucleotide #        | NM_002791.1                                                                                                                                                                                                                                                 |
| UniProt Accession #              | P60900; P34062; Q6IB60; B2R7J9; Q9BZ93                                                                                                                                                                                                                      |
| Molecular Weight                 | 27,399 Da                                                                                                                                                                                                                                                   |
| NCBI Official Full Name          | proteasome subunit alpha type-6                                                                                                                                                                                                                             |
| NCBI Official Synonym Full Names | proteasome (prosome, macropain) subunit, alpha type, 6                                                                                                                                                                                                      |
| NCBI Official Symbol             | PSMA6                                                                                                                                                                                                                                                       |
| NCBI Official Synonym Symbols    | IOTA; p27K; PROS27; MGC2333; MGC22756; MGC23846                                                                                                                                                                                                             |
| NCBI Protein Information         | proteasome subunit alpha type-6; PROS-27; OTTHUMP00000178843; macropain iota chain; prosomal P27K protein; proteasome iota chain; macropain subunit iota; 27 kDa prosomal protein; proteasome subunit iota; multicatalytic endopeptidase complex iota chain |
| UniProt Protein Name             | Proteasome subunit alpha type-6                                                                                                                                                                                                                             |
| UniProt Gene Name                | PSMA6                                                                                                                                                                                                                                                       |
| UniProt Synonym Gene Names       | PROS27; PROS-27; p27K                                                                                                                                                                                                                                       |
| UniProt Entry Name               | PSA6_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)

Online datasheet: <https://stage.aaabiotech.com/polyclonal/psma6-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/312881>