

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

Anti-PSCA Antibody, Rabbit Polyclonal

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                  |
|-----------|--------|------------|---------------------------------------------------------------|
| AAA258723 | Rabbit | Human      | Immunofluorescence, Immunocytochemistry, Immunohistochemistry |

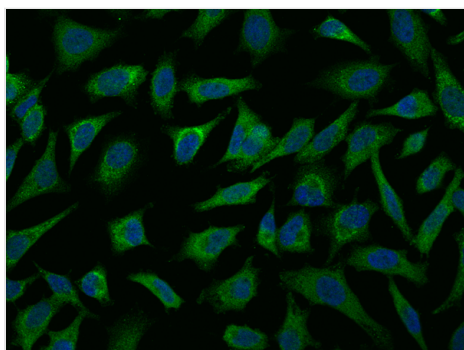
### PRODUCT SYNONYMS

PSCA; Polyclonal Antibody; Anti-PSCA Antibody; Rabbit Polyclonal; prostate stem cell antigen; Anti-PRO232 Antibody; Anti-UNQ206/PRO232 Antibody; anti-PSCA antibody

### PRODUCT SPECIFICATIONS

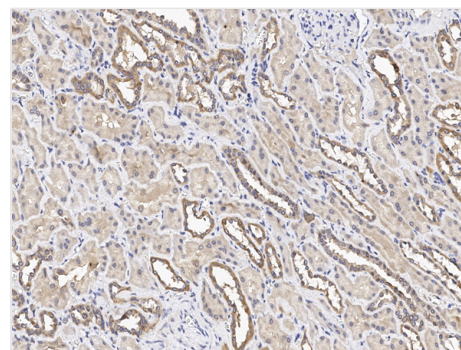
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|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                                                                                                                |
| Reactivity                                     | Human                                                                                                                                                                                                                                                                 |
| Clonality                                      | Polyclonal                                                                                                                                                                                                                                                            |
| Isotype                                        | Rabbit IgG                                                                                                                                                                                                                                                            |
| Specificity                                    | Human PSCA                                                                                                                                                                                                                                                            |
| Purity/Purification                            | Protein A & Antigen Affinity                                                                                                                                                                                                                                          |
| Form/Format                                    | Liquid; 0.2um filtered solution in PBS                                                                                                                                                                                                                                |
| Applicable Applications for anti-PSCA antibody | IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry)                                                                                                                                                                                        |
| Immunogen                                      | A synthetic peptide corresponding to the center region of the Human PSCA                                                                                                                                                                                              |
| Preparation                                    | Produced in rabbits immunized with a synthetic peptide corresponding to the center region of the Human PSCA, 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. Preservative-Free. Avoid repeated freeze-thaw cycles. |

### IMAGES



#### IF (Immunofluorescence)

Immunofluorescence staining of KLH-SMCCA634+KLH-SMCCA2425 in HeLa cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human KLH-SMCCA634+KLH-SMCCA2425 polyclonal antibody (dilution ratio 1:100) at 4? overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to Cytoplasm.



#### IHC (Immunohistochemistry)

Immunochemical staining of human PSCA 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-PSCA antibody | Prostate Stem Cell Antigen (PSCA) is frequently expressed in prostate cancer. Prostate stem cell antigen (PSCA) is a cell-membrane glycoprotein consisting of 123 amino acids. Knockdown of PSCA induced EMT and reduced metastatic potentials of the DU145 cells, suggesting that PSCA played an important role in prostatic carcinogenesis and progression. PSCA gene plays an important role in cell adhesion, proliferation and survival. Increasing studies have focused on the association of PSCA gene rs2294008 C>T and rs2976392 G>A with cancer risk.PSCA expression is detected in over 80% of patients with local disease, and elevated levels of PSCA are correlated with increased tumor stage, grade, and androgen independence, including high expression in bone metastases. |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**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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