

## Rabbit anti-Human PROS1 Polyclonal Antibody | anti-PROS1 antibody

PROS1 Antibody

|                               |                       |                            |                                             |
|-------------------------------|-----------------------|----------------------------|---------------------------------------------|
| CATALOG #<br><b>AAA306739</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry</b> |
|-------------------------------|-----------------------|----------------------------|---------------------------------------------|

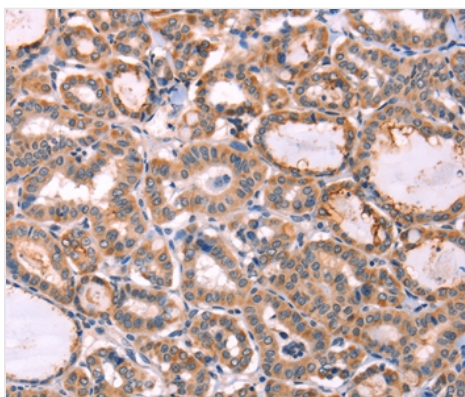
### PRODUCT SYNONYMS

PROS1; Polyclonal Antibody; PROS1 Antibody; PSA; PROS; PS21; PS22; PS23; PS24; PS25; THPH5; THPH6; anti-PROS1 antibody

### PRODUCT SPECIFICATIONS

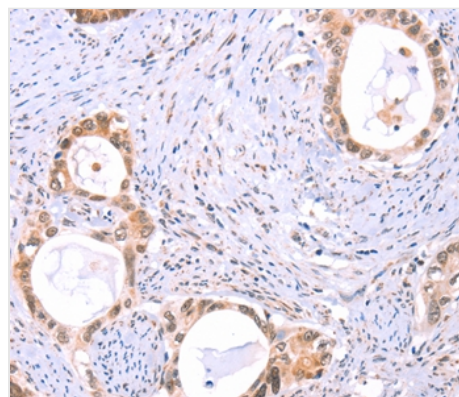
|                                                 |                                                                                                    |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                             |
| Reactivity                                      | Human                                                                                              |
| Clonality                                       | Polyclonal                                                                                         |
| Specificity                                     | The antibody detects endogenous levels of total PROS1 protein.                                     |
| Purity/Purification                             | Antigen affinity purification.                                                                     |
| Form/Format                                     | Rabbit IgG in pH7.3 PBS, 0.05% NaN <sub>3</sub> , 50% Glycerol.                                    |
| Concentration                                   | 1.8 mg/ml (varies by lot)                                                                          |
| Sequence Length                                 | 676                                                                                                |
| Applicable Applications for anti-PROS1 antibody | IHC (Immunohistochemistry)                                                                         |
| Immunogen Type                                  | Recombinant Protein                                                                                |
| Immunogen Description                           | Fusion protein corresponding to a region derived from internal residues of human protein S (alpha) |
| Target Name                                     | PROS1                                                                                              |
| Preparation and Storage                         | Store at -20 degree C                                                                              |

### IMAGES



**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using at dilution 1/60.



**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded Human cervical cancer tissue using at dilution 1/60.

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-PROS1 antibody | This gene encodes a vitamin K-dependent plasma protein that functions as a cofactor for the anticoagulant protease, activated protein C (APC) to inhibit blood coagulation. It is found in plasma in both a free, functionally active form and also in an inactive form complexed with C4b-binding protein. Mutations in this gene result in autosomal dominant hereditary thrombophilia. An inactive pseudogene of this locus is located at an adjacent region on chromosome 3. |
| Product Categories/Family for anti-PROS1 antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

NCBI AND UNIPROT INFORMATION

|                                  |                                                       |
|----------------------------------|-------------------------------------------------------|
| NCBI GI #                        | 192447438                                             |
| NCBI GeneID                      | 5627                                                  |
| NCBI Accession #                 | NP_000304.2                                           |
| NCBI GenBank Nucleotide #        | NM_000313.3                                           |
| UniProt Accession #              | P07225; Q15518; Q7Z715; Q9UCZ8; A8KAC9; D3DN28        |
| Molecular Weight                 | 75,123 Da                                             |
| NCBI Official Full Name          | vitamin K-dependent protein S preproprotein           |
| NCBI Official Synonym Full Names | protein S (alpha)                                     |
| NCBI Official Symbol             | PROS1                                                 |
| NCBI Official Synonym Symbols    | PSA; PROS; PS21; PS22; PS23; PS24; PS25; THPH5; THPH6 |
| NCBI Protein Information         | vitamin K-dependent protein S                         |
| UniProt Protein Name             | Vitamin K-dependent protein S                         |
| UniProt Gene Name                | PROS1                                                 |
| UniProt Synonym Gene Names       | PROS                                                  |
| UniProt Entry Name               | PROS_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://stage.aaabiotech.com/polyclonal/pros1-antibody-immunohistochemistry-elisa/306739>