

## Rabbit F9 Polyclonal Antibody | anti-F9 antibody

F9 Polyclonal Antibody

|                               |                       |                                        |                                                    |
|-------------------------------|-----------------------|----------------------------------------|----------------------------------------------------|
| CATALOG #<br><b>AAA170101</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, ELISA</b> |
|-------------------------------|-----------------------|----------------------------------------|----------------------------------------------------|

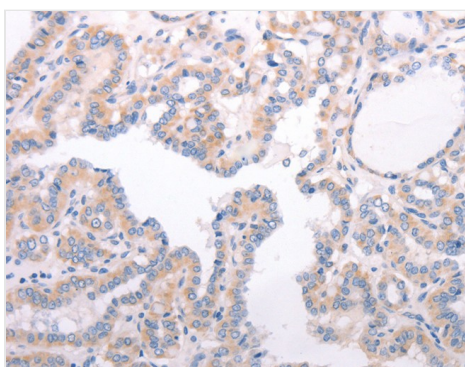
### PRODUCT SYNONYMS

F9; Polyclonal Antibody; F9 Polyclonal Antibody; FIX; P19; PTC; HEMB; THPH8; anti-F9 antibody

### PRODUCT SPECIFICATIONS

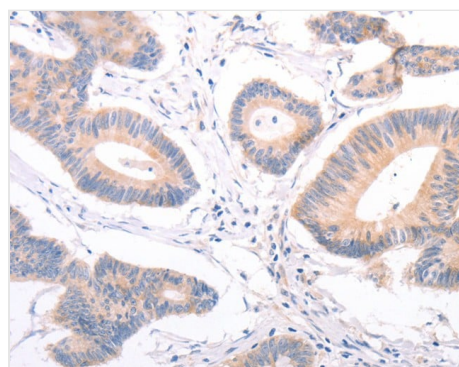
|                                              |                                                                                           |
|----------------------------------------------|-------------------------------------------------------------------------------------------|
| Host                                         | Rabbit                                                                                    |
| Reactivity                                   | Human, Mouse, Rat                                                                         |
| Clonality                                    | Polyclonal                                                                                |
| Isotype                                      | IgG                                                                                       |
| Purity/Purification                          | Antigen affinity purification                                                             |
| Concentration                                | 1.3mg/mL (varies by lot)                                                                  |
| Sequence Length                              | 461                                                                                       |
| Applicable Applications for anti-F9 antibody | IHC (Immunohistochemistry), ELISA                                                         |
| Immunogen                                    | Recombinant protein of human F9                                                           |
| Buffer                                       | PBS with 0.05% sodium azide, 50% glycerol, pH7.3                                          |
| Preparation and Storage                      | Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles. |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using F9 Polyclonal Antibody at dilution 1:45



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human colon cancer tissue using F9 Polyclonal Antibody at dilution 1:45

ADDITIONAL INFORMATION

|                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-F9 antibody | This gene encodes vitamin K-dependent coagulation factor IX that circulates in the blood as an inactive zymogen. This factor is converted to an active form by factor XIa, which excises the activation peptide and thus generates a heavy chain and a light chain held together by one or more disulfide bonds. The role of this activated factor IX in the blood coagulation cascade is to activate factor X to its active form through interactions with Ca+2 ions, membrane phospholipids, and factor VIII. Alterations of this gene, including point mutations, insertions and deletions, cause factor IX deficiency, which is a recessive X-linked disorder, also called hemophilia B or Christmas disease. |
|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                   |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 80479046                                                                                                                                          |
| NCBI GeneID                      | 2158                                                                                                                                              |
| Molecular Weight                 | 47,618 Da                                                                                                                                         |
| NCBI Official Full Name          | F9 protein                                                                                                                                        |
| NCBI Official Synonym Full Names | coagulation factor IX                                                                                                                             |
| NCBI Official Symbol             | F9                                                                                                                                                |
| NCBI Official Synonym Symbols    | FIX; P19; PTC; HEMB; THPH8                                                                                                                        |
| NCBI Protein Information         | coagulation factor IX; Christmas factor; F9 p22; FIX F9; factor 9; factor IX F9; plasma thromboplastic component; plasma thromboplastin component |
| UniProt Protein Name             | Coagulation factor IX                                                                                                                             |
| UniProt Gene Name                | F9                                                                                                                                                |
| UniProt Synonym Gene Names       | PTC                                                                                                                                               |
| UniProt Entry Name               | FA9_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://www.aaabiotech.com/polyclonal/f9-antibody-immunohistochemistry-elisa/170101>