

## Rabbit F10 Polyclonal Antibody | anti-F10 antibody

F10 Polyclonal Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                           |
|-----------|--------|-------------------|--------------------------------------------------------|
| AAA36996  | Rabbit | Human, Mouse, Rat | Immunofluorescence, Immunohistochemistry, Western Blot |

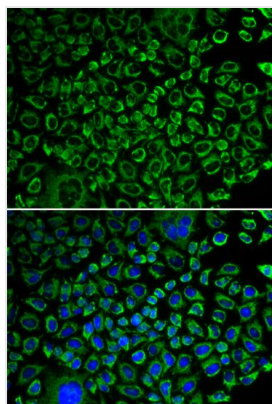
### PRODUCT SYNONYMS

F10; Polyclonal Antibody; F10 Polyclonal Antibody; FX; FXA; anti-F10 antibody

### PRODUCT SPECIFICATIONS

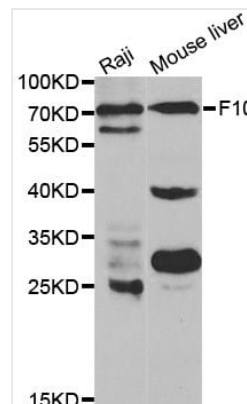
|                                               |                                                                                                                                                       |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                                                                                |
| Reactivity                                    | Human, Mouse, Rat                                                                                                                                     |
| Clonality                                     | Polyclonal                                                                                                                                            |
| Isotype                                       | IgG                                                                                                                                                   |
| Purity/Purification                           | Affinity Purification                                                                                                                                 |
| Concentration                                 | 1mg/ml (varies by lot)                                                                                                                                |
| Sequence Length                               | 488                                                                                                                                                   |
| Applicable Applications for anti-F10 antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)                                                                                |
| Species                                       | Human                                                                                                                                                 |
| Immunogen                                     | Recombinant Protein                                                                                                                                   |
| Immunogen                                     | Recombinant protein of human F10                                                                                                                      |
| Calculated Molecular Weight                   | 55kDa                                                                                                                                                 |
| Preparation and Storage                       | Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |

### IMAGES



#### IF (Immunofluorescence)

Immunofluorescence analysis of A549 cells using F10 antibody. Blue: DAPI for nuclear staining.



#### WB (Western Blot)

Western blot analysis of extracts of various cell lines, using F10 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.

ADDITIONAL INFORMATION

|                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-F10 antibody | This gene encodes the vitamin K-dependent coagulation factor X of the blood coagulation cascade. This factor undergoes multiple processing steps before its preproprotein is converted to a mature two-chain form by the excision of the tripeptide RKR. Two chains of the factor are held together by 1 or more disulfide bonds; the light chain contains 2 EGF-like domains, while the heavy chain contains the catalytic domain which is structurally homologous to those of the other hemostatic serine proteases. The mature factor is activated by the cleavage of the activation peptide by factor IXa (in the intrinsic pathway), or by factor VIIa (in the extrinsic pathway). The activated factor then converts prothrombin to thrombin in the presence of factor Va, Ca+2, and phospholipid during blood clotting. Mutations of this gene result in factor X deficiency, a hemorrhagic condition of variable severity. [provided by RefSeq, Jul 2008] |
| Product Categories/Family for anti-F10 antibody   | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                       |
|----------------------------------|-----------------------------------------------------------------------|
| NCBI GI #                        | 119761                                                                |
| NCBI GeneID                      | 2159                                                                  |
| UniProt Accession #              | P00742; Q14340                                                        |
| Molecular Weight                 | 488                                                                   |
| NCBI Official Full Name          | Coagulation factor X                                                  |
| NCBI Official Synonym Full Names | coagulation factor X                                                  |
| NCBI Official Symbol             | F10                                                                   |
| NCBI Official Synonym Symbols    | FX; FXA                                                               |
| NCBI Protein Information         | coagulation factor X; factor Xa; prothrombinase; Stuart-Prower factor |
| UniProt Protein Name             | Coagulation factor X                                                  |
| UniProt Gene Name                | F10                                                                   |
| UniProt Entry Name               | FA10_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/f10-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/36996>