

Product datasheet for **TA343100**

Factor XI (F11) Rabbit Polyclonal Antibody

Product data:

| | |
|-------------------------|---|
| Product Type: | Primary Antibodies |
| Applications: | WB |
| Recommended Dilution: | WB |
| Reactivity: | Human |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | The immunogen for anti-F11 antibody: synthetic peptide directed towards the C terminal of human F11. Synthetic peptide located within the following region: RHLCGGSIIGNQWILTAAHCFYGVESPKILRVYSGILNQSEIKEDTSFFG |
| Formulation: | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i> |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 70 kDa |
| Gene Name: | coagulation factor XI |
| Database Link: | NP_000119 Entrez Gene 2160 Human P03951 |



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Background: This gene encodes coagulation factor XI of the blood coagulation cascade. This protein is present in plasma as a zymogen, which is a unique plasma coagulation enzyme because it exists as a homodimer consisting of two identical polypeptide chains linked by disulfide bonds. During activation of the plasma factor XI, an internal peptide bond is cleaved by factor XIIa (or XII) in each of the two chains, resulting in activated factor XIa, a serine protease composed of two heavy and two light chains held together by disulfide bonds. This activated plasma factor XI triggers the middle phase of the intrinsic pathway of blood coagulation by activating factor IX. Defects in this factor lead to Rosenthal syndrome, a blood coagulation abnormality.

Synonyms: FXI

Note: Immunogen Sequence Homology: Horse: 100%; Human: 100%; Bovine: 100%; Rabbit: 93%; Pig: 85%; Rat: 85%; Guinea pig: 85%; Mouse: 82%; Dog: 79%

Protein Families: Druggable Genome, Protease, Secreted Protein

Protein Pathways: Complement and coagulation cascades

Product images:



WB Suggested Anti-F11 Antibody; Titration: 1.0 ug/ml; Positive Control: Hela Whole Cell