

## F11 polyclonal antibody

Catalog # PAB17089      Size 100 ug

### Specification

Product Description	Sheep polyclonal antibody raised against F11.
Immunogen	Purified human F11.
Host	Sheep
Reactivity	Human
Form	Liquid
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (50% glycerol)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

### Applications

- Enzyme-linked Immunoabsorbent Assay

### Gene Info — F11

Entrez GeneID	<a href="#">2160</a>
Gene Name	F11
Gene Alias	FXI, MGC141891
Gene Description	coagulation factor XI
Omim ID	<a href="#">264900</a>

## Gene Ontology

[Hyperlink](#)

## Gene Summary

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. [provided by RefSeq]

## Other Designations

plasma thromboplastin antecedent[platelet coagulation factor XI]

## Pathway

- [Complement and coagulation cascades](#)

## Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Factor XI Deficiency](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Kidney Failure](#)
- [Pre-Eclampsia](#)
- [Thrombophilia](#)
- [Venous Thrombosis](#)