

## FA11 Rabbit Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP09940
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	100ul, 50ul, 20ul
<b>Immunogen</b>	Synthesized peptide derived from human FA11 (heavy chain  Cleaved-Glu19)
<b>Mol wt</b>	68750
<b>Species reactivity</b>	Human, Mouse
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	FA11
<b>Synonyms</b>	FA11 ;heavy chain; Cleaved-Glu19; Coagulation factor XI; FXI; EC 3.4.21.27; Plasma thromboplastin antecedent; PTA; Coagulation factor XIa heavy chain; Coagulation factor XIa light chain;

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### 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.

### Recommended Dilution

WB: 1: 1000 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

### Images

No images.

### Storage

-20°C for 1 year