Factor XI antibody

Catalog No: #22658

Description

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Product Name	Factor XI antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Purified by antigen-affinity chromatography.
Applications	WB IHC
Species Reactivity	Hu
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 1 and 282 of Human F11
Target Name	Factor XI
Accession No.	Swiss-Prot:P03951Gene ID:2160
Uniprot	P03951
GeneID	2160;
Concentration	0.6mg/ml
Formulation	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

Application Details

Predicted MW: 70kd

Western blotting: 1:500-1:3000

Immunohistochemistry: 1:100-1:250

Images
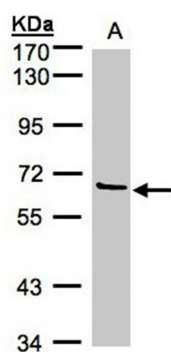
Sample(30 ug of whole cell lysate)
A: 293T
7.5% SDS PAGE
Primary antibody diluted at 1: 1000
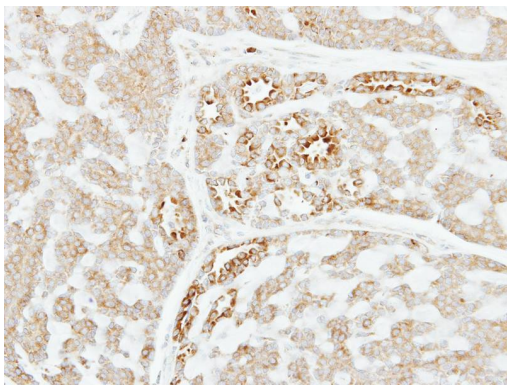
Immunohistochemical analysis of paraffin-embedded Breast ca, using Factor XI antibody at 1: 250 dilution.

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 intrisic pathway of blood coagulation by activating factor IX. Defects in this factor lead to Rosenthal syndrome, a blood coagulation abnormality. [provided by RefSeq]

Note: This product is for in vitro research use only