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anti-Factor XI antibody

Images

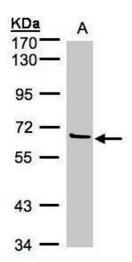


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Overview		
Quantity:	100 μL	
Target:	Factor XI (F11)	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This Factor XI antibody is un-conjugated	
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))	
Product Details		
Immunogen:	Recombinant protein encompassing a sequence within the center region of human Factor XI.	
	The exact sequence is proprietary.	
Isotype:	IgG	
Cross-Reactivity:	Human	
Characteristics:	Rabbit Polyclonal antibody to Factor XI (coagulation factor XI)	
	Factor XI antibody [N1N3]	
Purification:	Purified by antigen-affinity chromatography.	
Target Details		
Target:	Factor XI (F11)	
Alternative Name:	coagulation factor XI (F11 Products)	

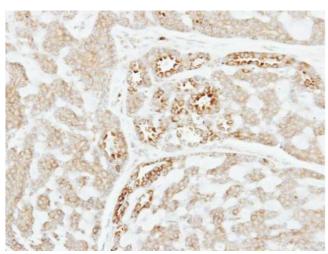
Target Details

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.	
	Cellular Localization: Secreted	
Molecular Weight:	70 kDa	
Gene ID:	2160	
UniProt:	P03951	
Application Details		
Application Notes:	WB: 1:500-1:3000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined	
	by the researcher. Not tested in other applications.	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	0.85 mg/mL	
Buffer:	1XPBS (pH 7), 1 % BSA, 20 % Glycerol, 0.01 % Thimerosal	
Preservative:	Thimerosal (Merthiolate)	
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE	
	which should be handled by trained staff only.	
Storage:	4 °C,-20 °C	
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage	
	(1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid	
	multiple freeze-thaw cycles.	



Western Blotting

Image 1. WB Image Sample(30 μ g of whole cell lysate) A:293T 7.5% SDS PAGE antibody diluted at 1:1000



Immunohistochemistry

Image 2. IHC-P Image Immunohistochemical analysis of paraffin-embedded human breast cancer, using Factor XI, antibody at 1:250 dilution.