

Anti-Factor XI LC Antibody

Catalog # AP60167

Product Information

Application	WB, IF/IC
Primary Accession	P03951
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	70109

Additional Information

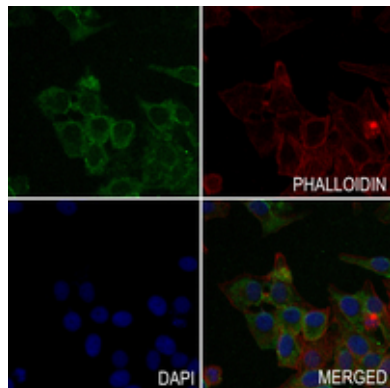
Gene ID	2160
Other Names	Coagulation factor XI; FXI; Plasma thromboplastin antecedent; PTA
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Factor XI LC. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	F11
Function	Factor XI triggers the middle phase of the intrinsic pathway of blood coagulation by activating factor IX.
Cellular Location	Secreted.
Tissue Location	Isoform 2 is produced by platelets and megakaryocytes but absent from other blood cells

Images

Western blot analysis of Factor XI LC expression in Jurkat (A) whole cell lysates. (Predicted band size: 70 kD; Observed band size: 72 kD)



Immunofluorescent analysis of Factor XI LC staining in HepG2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

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