

# Cleaved-Factor VII LC (R212) Polyclonal Antibody

Cat No: HR1AP2169

For research use only

## Overview

Product Name	Cleaved-Factor VII LC (R212) Polyclonal Antibody
Source	Rabbit
Applications	WB,IHC-p,ELISA
Species Reactivity	Human
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	17kDa
GeneID?Human?	F7
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	F7; Coagulation factor VII; Proconvertin; Serum prothrombin conversion accelerator; SPCA; Eptacog alfa
Background	<p>coagulation factor VII(F7) Homo sapiens This gene encodes coagulation factor VII which is a vitamin K-dependent factor essential for hemostasis. This factor circulates in the blood in a zymogen form, and is converted to an active form by either factor IXa, factor Xa, factor XIIa, or thrombin by minor proteolysis. Upon activation of the factor VII, a heavy chain containing a catalytic domain and a light chain containing 2 EGF-like domains are generated, and two chains are held together by a disulfide bond. In the presence of factor III and calcium ions, the activated factor then further activates the coagulation cascade by converting factor IX to factor IXa and/or factor X to factor Xa. Defects in this gene can cause coagulopathy. Alternative splicing results in multiple transcript variants encoding different isoforms that may undergo similar proteolytic processing to generate mature polypeptides. [provided by RefSeq, Aug 2015].</p>