

Cleaved-Factor VII LC (R212) Polyclonal Antibody

Catalog # AP63156

Product Information

Application WB, IHC-P
Primary Accession P08709
Reactivity Human
Host Rabbit
Clonality Polyclonal
Calculated MW 51594

Additional Information

Gene ID 2155

Other Names F7; Coagulation factor VII; Proconvertin; Serum prothrombin conversion

accelerator; SPCA; Eptacog alfa

Dilution WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300.

ELISA: 1/20000. Not yet tested in other applications. IHC-P~~N/A

Format Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium

azide.

Storage Conditions -20°C

Protein Information

Name F7

Function Initiates the extrinsic pathway of blood coagulation. Serine protease that

circulates in the blood in a zymogen form. Factor VII is converted to factor VIIa by factor Xa, factor XIIa, factor IXa, or thrombin by minor proteolysis. In the presence of tissue factor and calcium ions, factor VIIa then converts factor X to factor Xa by limited proteolysis. Factor VIIa also converts factor IX to factor IXa in the presence of tissue factor and calcium (PubMed:271951).

Cellular Location Secreted.

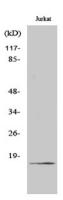
Tissue Location Plasma.

Background

Initiates the extrinsic pathway of blood coagulation. Serine protease that circulates in the blood in a zymogen form. Factor VII is converted to factor VIIa by factor Xa, factor XIIa, factor IXa, or thrombin by minor proteolysis. In the presence of tissue factor and calcium ions, factor VIIa then converts factor X to

factor Xa by limited proteolysis. Factor VIIa will also convert factor IX to factor IXa in the presence of tissue factor and calcium.

Images



Western Blot analysis of various cells using Cleaved-Factor VII LC (R212) Polyclonal Antibody

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.