

**F7 Antibody (C-Term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP22013b****Specification**

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**F7 Antibody (C-Term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">P08709</a>
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	51594

**F7 Antibody (C-Term) - Additional Information****Gene ID** 2155**Other Names**

Coagulation factor VII, 3.4.21.21, Proconvertin, Serum prothrombin conversion accelerator, SPCA, Eptacog alfa, Factor VII light chain, Factor VII heavy chain, F7

**Target/Specificity**

This F7 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 302-332 amino acids from human F7.

**Dilution**

WB~~1:2000

E~~Use at an assay dependent concentration.

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

F7 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

**F7 Antibody (C-Term) - 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.

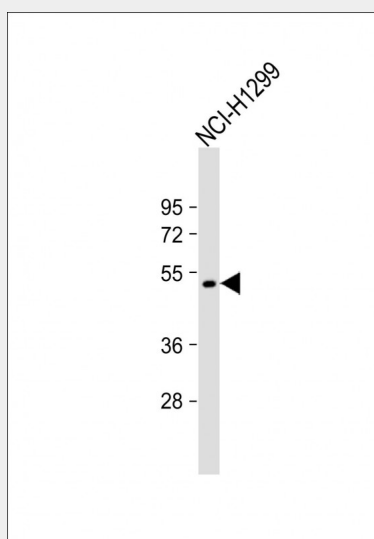
**Tissue Location**

Plasma.

**F7 Antibody (C-Term) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**F7 Antibody (C-Term) - Images**

Anti-F7 Antibody (C-Term) at 1:2000 dilution + NCI-H1299 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 52 kDa Blocking/Dilution buffer: 5% NFDm/TBST.

**F7 Antibody (C-Term) - 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.

**F7 Antibody (C-Term) - References**

Hagen F.S.,et al.Proc. Natl. Acad. Sci. U.S.A. 83:2412-2416(1986).  
O'Hara P.J.,et al.Proc. Natl. Acad. Sci. U.S.A. 84:5158-5162(1987).  
Sabater-Lleal M.,et al.Hum. Genet. 118:741-751(2006).  
Soria J.M.,et al.Submitted (DEC-2002) to the EMBL/GenBank/DDBJ databases.  
Masroori N.,et al.Submitted (MAR-2008) to the EMBL/GenBank/DDBJ databases.