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F7 Antibody (C-Term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP22013b

Product Information

Application	WB, E
Primary Accession	P08709
Reactivity	Human
Predicted	Canine
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB54990
Calculated MW	51594

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.

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.

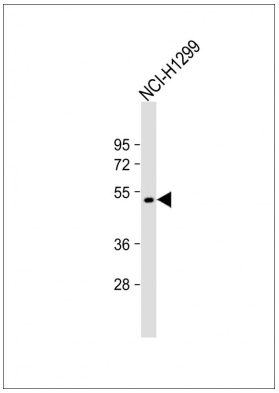
Background

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.

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.

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.

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