10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

F7 antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI14493

Product Information

Application	WB
Primary Accession	P08709
Other Accession	NM_000131, NP_000122
Reactivity	Human, Rat, Rabbit, Pig, Horse, Bovine
Predicted	Human, Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	51594

Additional Information

Gene ID	2155
Alias Symbol	SPCA
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
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-F7 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	F7 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

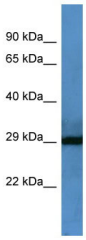
Name	F7
Function	Initiates the extrinsic pathway of blood coagulation. Serine protease that circulates in the blood in a zymogen form. Factor VII is converted to factor VIIa by factor Xa, factor XIIa, factor IXa, or thrombin by minor proteolysis. In the presence of tissue factor and calcium ions, factor 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.

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



WB Suggested Anti-F7 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:62500
Positive Control: Jurkat cell lysate

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