

**F7 antibody - middle region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI14493****Specification**

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**F7 antibody - middle region - Product Information**

|                   |                                                       |
|-------------------|-------------------------------------------------------|
| Application       | WB                                                    |
| Primary Accession | <a href="#">P08709</a>                                |
| Other Accession   | <a href="#">NM_000131</a> , <a href="#">NP_000122</a> |
| Reactivity        | Human, Rat, Rabbit, Pig, Horse, Bovine                |
| Predicted         | Human, Pig                                            |
| Host              | Rabbit                                                |
| Clonality         | Polyclonal                                            |
| Calculated MW     | 28kDa kDa                                             |

**F7 antibody - middle region - Additional Information****Gene ID** 2155Alias 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.

**F7 antibody - middle region - 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 will also convert factor IX to factor IXa in the presence of tissue factor and calcium.

**Cellular Location**

Secreted.

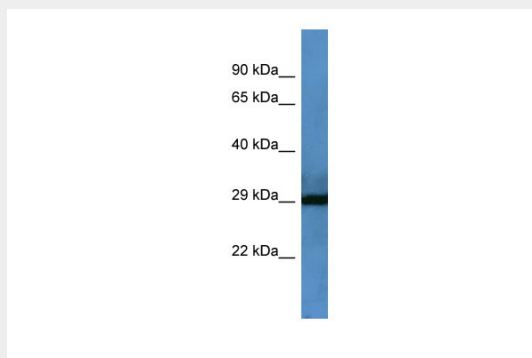
**Tissue Location**

Plasma.

**F7 antibody - middle region - 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 - middle region - Images**

WB Suggested Anti-F7 Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:62500

Positive Control: Jurkat cell lysate

**F7 antibody - middle region - 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.