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F7 / Factor VII Antibody
Rabbit Polyclonal Antibody
Catalog # ALS13236

Specification

F7 / Factor VII Antibody - Product Information

Application	**WB**
Primary Accession	P08709
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**52kDa KDa**

F7 / Factor VII Antibody - 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
Human and mouse F7. Predicted cross-reactivity based on amino acid sequence homology: monkey (91%).

Reconstitution & Storage
Aliquot and store at -20°C. Minimize freezing and thawing.

Precautions
F7 / Factor VII Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

F7 / Factor VII Antibody - 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.

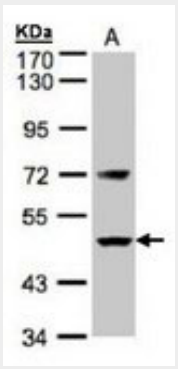
Volume
50 µl

F7 / Factor VII Antibody - Protocols

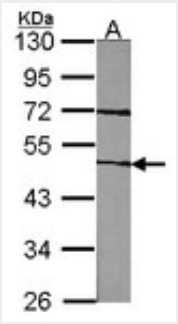
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

F7 / Factor VII Antibody - Images



Sample(30 g of whole cell lysate). A: H1299. 7.5% SDS PAGE. F7 antibody diluted at 1:500.



Sample (30 ug of whole cell lysate). A: NIH-3T3. 10% SDS PAGE. F7 antibody diluted at 1:1000.

F7 / Factor VII Antibody - 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 / Factor VII Antibody - 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.
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