

F2 / Prothrombin / Thrombin Antibody
Sheep Polyclonal Antibody
Catalog # ALS17072**Specification**

F2 / Prothrombin / Thrombin Antibody - Product Information

Application	IHC
Primary Accession	P00734
Other Accession	2147
Reactivity	Human
Host	Sheep
Clonality	Polyclonal
Isotype	IgG
Calculated MW	70037

F2 / Prothrombin / Thrombin Antibody - Additional Information**Gene ID** 2147**Other Names**

F2, Prothrombin B-chain, Coagulation factor II, FACTOR II, Prothrombin, PT, RPRGL2, Serine protease, THPH1, Thrombin

Target/Specificity

Recognizes human Prothrombin.

Reconstitution & Storage

0.01 M HEPES, pH 7.4, 150mM sodium chloride, 50% glycerol. No preservative added. Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

Precautions

F2 / Prothrombin / Thrombin Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

F2 / Prothrombin / Thrombin Antibody - Protein Information**Name** F2**Function**

Thrombin, which cleaves bonds after Arg and Lys, converts fibrinogen to fibrin and activates factors V, VII, VIII, XIII, and, in complex with thrombomodulin, protein C. Functions in blood homeostasis, inflammation and wound healing.

Cellular Location

Secreted, extracellular space.

Tissue Location

Expressed by the liver and secreted in plasma.

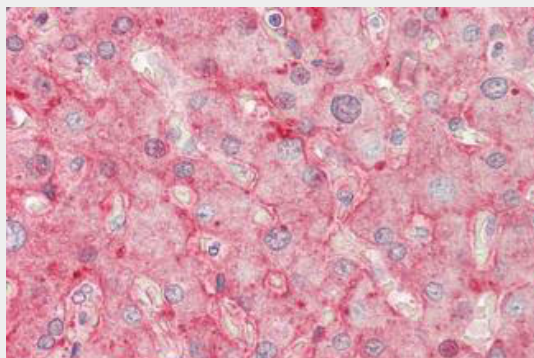
Volume
250 µl

F2 / Prothrombin / Thrombin Antibody - Protocols

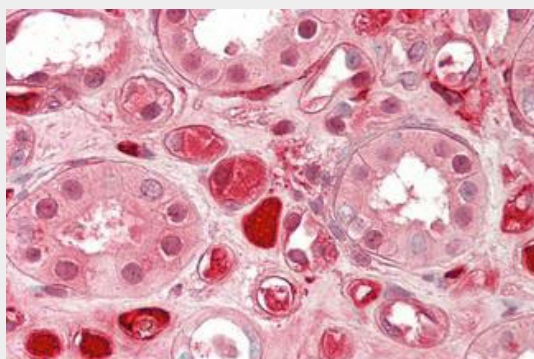
Provided below are standard protocols that you may find useful for product applications.

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

F2 / Prothrombin / Thrombin Antibody - Images



Human Liver: Formalin-Fixed, Paraffin-Embedded (FFPE)



Human Kidney: Formalin-Fixed, Paraffin-Embedded (FFPE)

F2 / Prothrombin / Thrombin Antibody - Background

Thrombin, which cleaves bonds after Arg and Lys, converts fibrinogen to fibrin and activates factors V, VII, VIII, XIII, and, in complex with thrombomodulin, protein C. Functions in blood homeostasis, inflammation and wound healing.

F2 / Prothrombin / Thrombin Antibody - References

Degen S.J.F., et al. Biochemistry 26:6165-6177(1987).

Wang W.,et al.Haemophilia 10:94-97(2004).

Ota T.,et al.Nat. Genet. 36:40-45(2004).

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Degen S.J.F.,et al.Biochemistry 22:2087-2097(1983).