

F12 / Factor XII Antibody
Goat Polyclonal Antibody
Catalog # ALS12632**Specification**

F12 / Factor XII Antibody - Product Information

Application	IHC
Primary Accession	P00748
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Calculated MW	68kDa KDa

F12 / Factor XII Antibody - Additional Information**Gene ID** 2161**Other Names**

Coagulation factor XII, 3.4.21.38, Hageman factor, HAF, Coagulation factor XIIa heavy chain, Beta-factor XIIa part 1, Beta-factor XIIa part 2, Coagulation factor XIIa light chain, F12

Target/Specificity

Specific for Factor XII as demonstrated by immunodiffusion. A single precipitin arc was obtained with normal plasma and no reaction was observed with F. XII-deficient plasma.

Reconstitution & Storage

Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

Precautions

F12 / Factor XII Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

F12 / Factor XII Antibody - Protein Information**Name** F12**Function**

Factor XII is a serum glycoprotein that participates in the initiation of blood coagulation, fibrinolysis, and the generation of bradykinin and angiotensin. Prekallikrein is cleaved by factor XII to form kallikrein, which then cleaves factor XII first to alpha-factor XIIa and then trypsin cleaves it to beta-factor XIIa. Alpha-factor XIIa activates factor XI to factor XIa.

Cellular Location

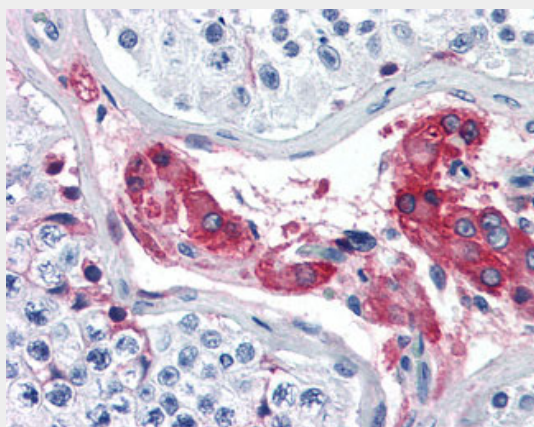
Secreted.

F12 / Factor XII 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](#)

F12 / Factor XII Antibody - Images



Anti-F12 / Factor XII antibody IHC of human testis.

F12 / Factor XII Antibody - Background

Factor XII is a serum glycoprotein that participates in the initiation of blood coagulation, fibrinolysis, and the generation of bradykinin and angiotensin. Prekallikrein is cleaved by factor XII to form kallikrein, which then cleaves factor XII first to alpha-factor XIIa and then trypsin cleaves it to beta- factor XIIa. Alpha-factor XIIa activates factor XI to factor XIa.

F12 / Factor XII Antibody - References

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Schmutz J.,et al.Nature 431:268-274(2004).
Tripodi M.,et al.Nucleic Acids Res. 14:3146-3146(1986).
Cool D.E.,et al.J. Biol. Chem. 260:13666-13676(1985).
Que B.G.,et al.Biochemistry 25:1525-1528(1986).