

Rabbit F12 Polyclonal Antibody | anti-F12 antibody

F12 Antibody

CATALOG # AAA166257	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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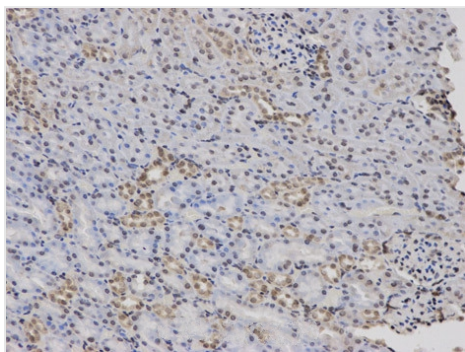
PRODUCT SYNONYMS

F12; Polyclonal Antibody; F12 Antibody; HAF; HAE3; HAEX; anti-F12 antibody

PRODUCT SPECIFICATIONS

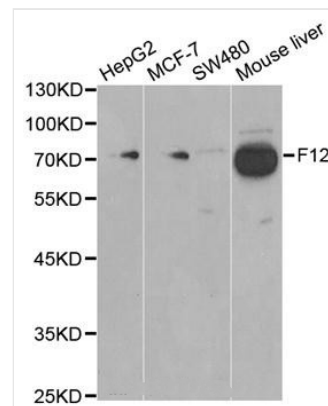
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1mg/mL (varies by lot)
Sequence Length	300
Applicable Applications for anti-F12 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human F12
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-66752
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat kidney using F12 antibody at dilution of 1:100 (200x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using F12 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-F12 antibody	This gene encodes coagulation factor XII which circulates in blood as a zymogen. This single chain zymogen is converted to a two-chain serine protease with an heavy chain (alpha-factor XIIa) and a light chain. The heavy chain contains two fibronectin-type domains, two epidermal growth factor (EGF)-like domains, a kringle domain and a proline-rich domain, whereas the light chain contains only a catalytic domain. On activation, further cleavages takes place in the heavy chain, resulting in the production of beta-factor XIIa light chain and the alpha-factor XIIa light chain becomes beta-factor XIIa heavy chain. Prekallikrein is cleaved by factor XII to form kallikrein, which then cleaves factor XII first to alpha-factor XIIa and then to beta-factor XIIa. The active factor XIIa participates in the initiation of blood coagulation, fibrinolysis, and the generation of bradykinin and angiotensin. It activates coagulation factors VII and XI. Defects in this gene do not cause any clinical symptoms and the sole effect is that whole-blood clotting time is prolonged. [provided by RefSeq, Jul 2008]
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NCBI AND UNIPROT INFORMATION

NCBI GI #	15214537
NCBI GeneID	2161
Molecular Weight	67,792 Da
NCBI Official Full Name	F12 protein
NCBI Official Synonym Full Names	coagulation factor XII (Hageman factor)
NCBI Official Symbol	F12
NCBI Official Synonym Symbols	HAF; HAE3; HAEX
NCBI Protein Information	coagulation factor XII; Hageman factor; beta-factor XIIa part 1; beta-factor XIIa part 2; coagulation factor XIIa heavy chain; coagulation factor XIIa light chain
UniProt Protein Name	Coagulation factor XII
UniProt Gene Name	F12
UniProt Synonym Gene Names	HAF
UniProt Entry Name	FA12_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/f12-antibody-immunohistochemistry-western-blot-elisa/166257>