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Cleaved Factor XII HC (Arg372) Antibody

货号: AYP6540

产品信息

反应	Human,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB ELISA
推荐浓度	**WB:** 1:500 - 1:2000
理论分子量	67kDa
实测分子量	
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HepG2,MCF7,Mouse liver
细胞定位	Secreted
纯化	Affinity purification

抗原信息

抗原信息	Synthesized peptide derived from Human Cleaved Factor XII HC (Arg372).

靶点信息

研究背景	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.
基因ID	2161
基因名	F12
Swiss	P00748 (https://www.uniprot.org/uniprotkb/P00748/entry)
别名	F12,HAE3,HAEX,HAF,Cleaved Factor XII HC (Arg372) Antibody,Hageman factor,Beta-factor XIIa part 2,Cleaved Factor XII HC (Arg372)

产品验证

实验步骤

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