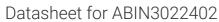
antibodies - online.com







anti-F12 antibody (AA 336-615)





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Quantity:	100 μL	
Target:	F12	
Binding Specificity:	AA 336-615	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This F12 antibody is un-conjugated	
Application:	Western Blotting (WB)	

Product Details		
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 336-615 of human F12 (NP_000496.2).	
Sequence:	QTPGALPAKR EQPPSLTRNG PLSCGQRLRK SLSSMTRVVG GLVALRGAHP YIAALYWGHS FCAGSLIAPC WVLTAAHCLQ DRPAPEDLTV VLGQERRNHS CEPCQTLAVR SYRLHEAFSP VSYQHDLALL RLQEDADGSC ALLSPYVQPV CLPSGAARPS ETTLCQVAGW GHQFEGAEEY ASFLQEAQVP FLSLERCSAP DVHGSSILPG MLCAGFLEGG TDACQGDSGG PLVCEDQAAE RRLTLQGIIS WGSGCGDRNK PGVYTDVAYY LAWIREHTVS	
Isotype:	IgG	
Cross-Reactivity:	Human, Mouse	
Characteristics:	Polyclonal Antibodies	
Purification:	Affinity purification	

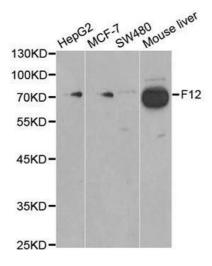
Target Details

Target:	F12		
Alternative Name:	F12 (F12 Products)		
Background:	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.,F12,HAE3,HAEX,HAF,Cardiovascular,Blood,Coagulation,F12		
Molecular Weight:	67 kDa		
Gene ID:	2161		
UniProt:	P00748		
Pathways:	Complement System		
Application Details			
Application Notes:	WB,1:500 - 1:2000		
Restrictions:	For Research Use only		
Handling			
Format:	Liquid		
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.		
Preservative:	Sodium azide		
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.		
Handling Advice:	Avoid freeze / thaw cycles		
Storage:	-20 °C		

Storage Comment:

Store at -20°C. Avoid freeze / thaw cycles.

Validation report #104228 for Cleavage Under Targets and Release Using Nuclease (CUT&RUN)



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using F12 antibody.