

FA10 (light chain, Cleaved-Arg179) rabbit pAb

Catalog No :	YC0163
Reactivity :	Human;Rat;Mouse;
Applications :	WB;ELISA
Target :	FA10
Fields :	>>Complement and coagulation cascades
Gene Name :	F10
Protein Name :	FA10 (light chain, Cleaved-Arg179)
Human Gene Id :	2159
Human Swiss Prot No :	P00742
Mouse Gene Id :	14058
Mouse Swiss Prot No :	O88947
Rat Gene Id :	29243
Rat Swiss Prot No :	Q63207
Immunogen :	Synthesized peptide derived from human FA10 (light chain, Cleaved-Arg179)
Specificity :	This antibody detects endogenous levels of Human FA10 (light chain, Cleaved-Arg179, protein was cleaved amino acid sequence between)
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:1000-2000 ELISA 1:5000-20000

Purification :	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	15 53kD
Background :	<p>catalytic activity:Selective cleavage of Arg- -Thr and then Arg- -Ile bonds in prothrombin to form thrombin.,function:Factor Xa is a vitamin K-dependent glycoprotein that converts prothrombin to thrombin in the presence of factor Va, calcium and phospholipid during blood clotting.,online information:Factor X entry,PTM:N- and O-glycosylated.,PTM:The activation peptide is cleaved by factor IXa (in the intrinsic pathway), or by factor VIIa (in the extrinsic pathway).,PTM:The iron and 2-oxoglutarate dependent 3-hydroxylation of aspartate and asparagine is (R) stereospecific within EGF domains.,PTM:The vitamin K-dependent, enzymatic carboxylation of some glutamate residues allows the modified protein to bind calcium.,similarity:Belongs to the peptidase S1 family.,similarity:Contains 1 Gla (gamma-carboxy-glutamate) domain.,similarity:Contains 1 peptidase S1 domain.,similarity:Contains 2 EGF-like domains.,subunit:The two chains are formed from a single-chain precursor by the excision of two Arg residues and are held together by 1 or more disulfide bonds.,tissue specificity:Plasma; synthesized in the liver.,</p>
Function :	<p>proteolysis, blood coagulation, blood coagulation, extrinsic pathway, hemostasis, response to wounding, positive regulation of signal transduction, regulation of protein kinase cascade, positive regulation of cell communication,positive regulation of protein kinase cascade, regulation of cell migration, positive regulation of cell migration,regulation of locomotion, positive regulation of locomotion, wound healing, coagulation, regulation of body fluid levels,regulation of cell motion, positive regulation of cell motion, regulation of protein kinase B signaling cascade, positive regulation of protein kinase B signaling cascade,</p>
Subcellular Location :	Secreted.
Expression :	Plasma; synthesized in the liver.

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