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FA13A (Cleaved-Gly39) Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50064

Product Information

Application	WB
Primary Accession	P00488
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Calculated MW	83268

Additional Information

Gene ID	2162
Other Names	Coagulation factor XIII A chain, Coagulation factor XIIIa, Protein-glutamine gamma-glutamyltransferase A chain, Transglutaminase A chain, F13A1, F13A
Dilution	WB~~1:500- 1:1000
Format	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.
Storage Conditions	-20℃

Protein Information

Name	F13A1
Synonyms	F13A
Function	Factor XIII is activated by thrombin and calcium ion to a transglutaminase that catalyzes the formation of gamma-glutamyl- epsilon-lysine cross-links between fibrin chains, thus stabilizing the fibrin clot. Also cross-link alpha-2-plasmin inhibitor, or fibronectin, to the alpha chains of fibrin.
Cellular Location	Cytoplasm. Secreted. Note=Secreted into the blood plasma. Cytoplasmic in most tissues, but also secreted in the blood plasma

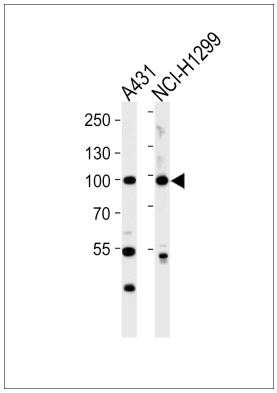
Background

Factor XIII is activated by thrombin and calcium ion to a transglutaminase that catalyzes the formation of gamma-glutamyl- epsilon-lysine cross-links between fibrin chains, thus stabilizing the fibrin clot. Also cross-link alpha-2-plasmin inhibitor, or fibronectin, to the alpha chains of fibrin.

References

Ichinose A.,et al.Biochemistry 25:6900-6906(1986).
Grundmann U.,et al.Proc. Natl. Acad. Sci. U.S.A. 83:8024-8028(1986).
Ichinose A.,et al.Proc. Natl. Acad. Sci. U.S.A. 85:5829-5833(1988).
Totoki Y.,et al.Submitted (MAR-2005) to the EMBL/GenBank/DDBJ databases.
Mungall A.J.,et al.Nature 425:805-811(2003).

Images



Western blot analysis of lysates from A431,NCI-H1299 cell line (from left to right),using FA13A (Cleaved-Gly39) Antibody(L0206). L0206 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody.Lysates at 35ug per lane.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.