Vitamin K-dependent protein C Antibody

Catalog No: #48022

Package Size: #48022-1 50ul #48022-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

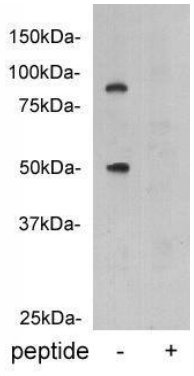
Description

Product Name	Vitamin K-dependent protein C Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Immunogen affinity purified
Applications	WB
Species Reactivity	Hu
Immunogen Description	peptide
Other Names	Activation peptide antibody Anticoagulant protein C antibody APC antibody Autoprothrombin IIA antibody Blood coagulation factor XIV antibody EC 3.4.21.69 antibody PC antibody proC antibody PROC_HUMAN antibody PROC1 antibody Protein C (inactivator of coagulation factors Va and VIIIa) antibody THPH3 antibody THPH4 antibody Vitamin K dependent protein C antibody
Accession No.	Swiss-Prot#:P04070
Calculated MW	52/80 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

Application Details

WB: 1:1,000

Images



Western blot analysis on human plasma using anti-vitamin K-dependent protein C polyclonal antibody.

Background

Protein C is a Vitamin K-dependent glycoprotein that is produced in the liver. Protein C is similar to the prothrombin group of blood coagulation factors in its primary structure. Normal protein C concentration in human plasma is approximately 1-3 ng/ml and the proenzyme concentration is approximately 3?g/ml. Protein C regulates blood coagulation by inactivating factors Va and VIIIa in the presence of calcium ions and phospholipids. Protein C deficiency is associated with inherited thrombophilia, ecchymotic skin lesions.

References

1.Couture P., Demers C., Morissette J., Delage R., Jomphe M., Couture L., Simard J.;"Type I protein C deficiency in French Canadians: evidence of a founder effect and association of specific protein C gene mutations with plasma protein C levels.";Thromb. Haemost. 80:551-556(1998). 2.Ireland H.A., Boisclair M.D., Taylor J., Thompson E., Thein S.L., Girolami A., de Caterina M., Scopacasa F., de Stefano V., Leone G., Finazzi G., Cohen H., Lane D.A.;"Two novel (R(-11)C; T394D) and two repeat missense mutations in the protein C gene associated with venous thrombosis in six kindreds.";Hum. Mutat. 7:176-179(1996). 3.Lind B., Schwartz M., Thorsen S.;"Six different point mutations in seven Danish families with symptomatic protein C deficiency.";Thromb. Haemost. 73:186-193(1995).