

Vitamin K-dependent protein S Antibody

Catalog No: #48020



Package Size: #48020-1 50ul #48020-2 100ul

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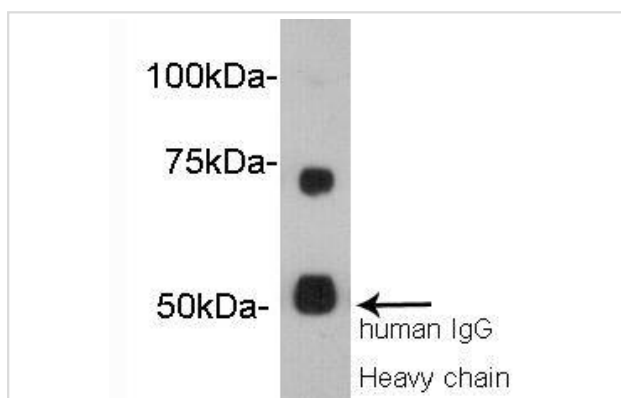
Description

Product Name	Vitamin K-dependent protein S Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Immunogen affinity purified
Applications	WB
Species Reactivity	Hu
Immunogen Description	peptide
Other Names	Preproprotein S antibody Propiece of latent protein S antibody PROS 1 antibody PROS antibody PROS_HUMAN antibody proS1 antibody Protein S alpha antibody Protein Sa antibody PS 21 antibody PS 22 antibody PS 23 antibody PS 24 antibody PS 25 antibody PS 26 antibody PS21 antibody PS22 antibody PS23 antibody PS24 antibody PS25 antibody PS26 antibody PSA antibody THPH5 antibody THPH6 antibody Vitamin K dependent protein S antibody Vitamin K-dependent plasma protein S antibody Vitamin K-dependent protein S antibody
Accession No.	Swiss-Prot#:P07225
Calculated MW	70 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 serum using anti- Vitamin K-dependent protein S polyclonal antibody.

Background

Protein S is a vitamin K-dependent plasma glycoprotein synthesized in the endothelium. In the circulation, Protein S exists in two forms: a free form and a complex form bound to complement protein C4b. In the plasma, circulating Protein S becomes inactive upon complexing with C4b-binding

protein (C4BP); 60-70% of Protein S circulates in complex with C4BP. Its major function is as a cofactor to facilitate the action of activated protein C (APC) on its substrates, activated factor V (FVa), and activated factor VIII (FVIIIa).

References

- 1."Molecular diversity and thrombotic risk in protein S deficiency: the PROSIT study."Protein S Italian team (PROSIT)Biguzzi E., Razzari C., Lane D.A., Castaman G., Cappellari A., Bucciarelli P., Fontana G., Margaglione M., D'Andrea G., Simmonds R.E., Rezende S.M., Preston R., Prisco D., Faioni E.M.Hum. Mutat. 25:259-269(2005)
- 2."Genetic and phenotypic variability between families with hereditary protein S deficiency."Rezende S.M., Lane D.A., Zoeller B., Mille-Baker B., Laffan M., Dalhbaeck B., Simmonds R.E.Thromb. Haemost. 87:258-265(2002)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.