

Rabbit Anti-Rat Protein C (PROC) Polyclonal Antibody

Cat. No.: VD2N88

Product Type: Animal-targeted Antibodies

Size: 100 µL; 200 µL; 1 mL

Product Overview

BioVenic rabbit polyclonal antibody is specific for rat protein C. It is affinity purified by protein A. It can be applied to WB, IHC, ICC and IP assays of rat protein C.

Specifications

Application	WB; IHC; ICC; IP
Clonality	Polyclonal
Classification	Primary Antibody
Clone	A13N66
Host	Rabbit
Target Species	Rat
Species Reactivity	Rat
Specificity	Rat Protein C
Isotype	IgG
Immunogen	Recombinant protein of rat protein C
Purification	Protein A Purified
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Preservative and Stabilizer	0.05% Proclin 300
Buffer	0.01M Phosphate Buffered Saline, pH 7.4, with 50% Glycerol
Physical State	Liquid

Target Information

Rat protein C is a vitamin K-dependent glycoprotein that plays a crucial role in the anticoagulant pathway. It is synthesized in the liver and circulates in the blood as an inactive zymogen. Upon activation by thrombin-thrombomodulin complexes, activated protein C

(APC) inhibits coagulation by inactivating factors Va and VIIIa, thus preventing excessive blood clotting. Protein C also has anti-inflammatory and cytoprotective effects.

Target	Rat Protein C
Target Synonym	PRO-C; VKDPC; PC; Vitamin K Dependent Protein C; Inactivator of Coagulation Factors Va and VIIIa; Autoprothrombin IIA; Blood coagulation factor XIV; Activation peptide
Gene ID	25268
UniProt ID	P31394

Shipping and Storage

This product is shipped with wet ice packs. Store at -20°C on receipt (up to 2 years). Avoid repeated freezing and thawing as this may denature the antibody.

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.