

BP785**Polyclonal Antibody to Protein C / PROC - Ig Fraction**

Alternate names:	Anticoagulant protein C, Autoprothrombin IIA, Blood coagulation factor XIV, Inactivator of coagulation factors Va and VIIIa, PROC1, Vitamin K-dependent protein C
Quantity:	1 ml
Concentration:	2.0 mg/ml
Background:	Protein C is a vitamin K dependent serine protease zymogen. Purified human activated protein C selectively destroys factors Va and VIII:C in human plasma and thus has an important anticoagulant role. Protein C deficiency has been associated with inherited thrombophilia. In its primary structure, protein C is similar to the prothrombin group of blood coagulation factors. It most closely resembles factor X. Protein C is synthesized as a single chain; this precursor molecule is cleaved into a light chain and a heavy chain held together by a disulfide bond. The enzyme is then activated by thrombin, which cleaves a tetradecapeptide from the amino end of the heavy chain.
Uniprot ID:	P04070
NCBI:	NP_000303
GeneID:	5624
Host:	Sheep
Immunogen:	Protein C purified from Human plasma.
Format:	State: Liquid purified IgG fraction. Buffer System: Phosphate buffered saline containing 0.09% Sodium Azide as preservative and 10% Glycerol.
Applications:	Western blot. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody is specific for Protein C. Species: Human. Other species not tested.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.