



Horse anti-Human Protein C antibody, clone N/A (DPAB2270HH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a vitamin K-dependent plasma glycoprotein. The encoded protein is cleaved to its activated form by the thrombin-thrombomodulin complex. This activated form contains a serine protease domain and functions in degradation of the activated forms of coagulation factors V and VIII. Mutations in this gene have been associated with thrombophilia due to protein C deficiency, neonatal purpura fulminans, and recurrent venous thrombosis.
Immunogen	Purified human Protein C
Isotype	IgG
Source/Host	Horse
Species Reactivity	Human
Clone	N/A
Conjugate	Unconjugated
Applications	WB, ELISA
Epitope	Not determined
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name [PROC protein C \(inactivator of coagulation factors Va and VIIIa\) \[Homo sapiens\]](#)

Official Symbol	PROC
Synonyms	PC; APC; PROC1; PROC; vitamin K-dependent protein C; OTTHUMP00000162263; OTTHUMP00000203820; OTT- HUMP00000203827; autoprotease; anticoagulant protein C; blood coagulation factor XIV
Entrez Gene ID	5624
Protein Refseq	NP_000303
UniProt ID	P04070
Chromosome Location	2q13-q14
Pathway	Cell surface interactions at the vascular wall, organism-specific biosystem; Common Pathway, organism-specific biosystem; Complement and Coagulation Cascades, organism-specific biosystem; Complement and coagulation cascades, organism-specific biosystem; Formation of Fibrin Clot (Clotting Cascade), organism-specific biosystem; Gamma-carboxylation of protein precursors, organism-specific biosystem; Hemostasis, organism-specific biosystem; Metabolism of proteins, organism-specific biosystem; Post-
Function	calcium ion binding; peptidase activity; protein binding; serine-type endopeptidase activity