



Anti-PROC (aa 32-131) polyclonal antibody (DPAB-DC2505)

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.[provided by RefSeq, Dec 2009]
Immunogen	PROC (AAH34377, 32 a.a. ~ 131 a.a) partial recombinant protein with GST tag. The sequence is RAHQVLRIRKTRANSFLEELRHSSLERECIEEICDFEEAKEIFQNVDDTLAFWSKHVDGDQ CLVLPLEHPCASLCCGHGTCIDGIGSFSCDCRSGWEGRFC
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	PROC protein C (inactivator of coagulation factors Va and VIIa) [Homo sapiens (human)]
Official Symbol	PROC
Synonyms	PROC; protein C (inactivator of coagulation factors Va and VIIa); PC; APC; PROC1; THPH3; THPH4; vitamin K-dependent protein C; prepro-protein C; autoprothrombin IIA; 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; Complement and Coagulation Cascades; Formation of Fibrin Clot (Clotting Cascade); Gamma-carboxylation, transport, and amino-terminal cleavage of proteins.
Function	calcium ion binding; protein binding; serine-type endopeptidase activity;
