

Rabbit anti-Human PROC Polyclonal Antibody | anti-PROC antibody

PROC Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287389	Rabbit	Human	Immunohistochemistry, Immunofluorescence, ELISA, Western Blot

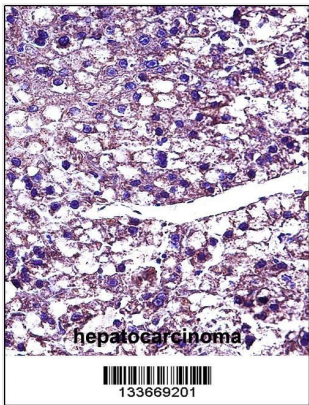
PRODUCT SYNONYMS

PROC; Polyclonal Antibody; PROC Antibody (Center); Vitamin K-dependent protein C; Anticoagulant protein C; Autoprothrombin IIA; Blood coagulation factor XIV; Vitamin K-dependent protein C light chain; Vitamin K-dependent protein C heavy chain; Activation peptide; anti-PROC antibody

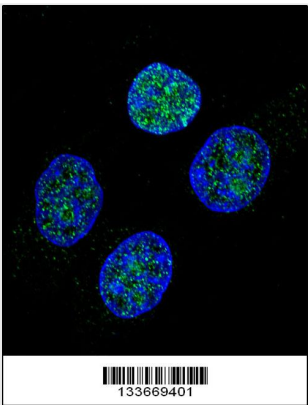
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PROC antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 177-206 amino acids from the Central region of human PROC.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.35 (varies by lot)
Sequence Positions	177-206
Sequence Length	516
Applicable Applications for anti-PROC antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

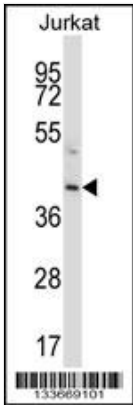
IMAGES



IHC (Immunohistochemisry)
PROC Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human hepatocarcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of PROC Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



IF (Immunofluorescence)
Confocal immunofluorescent analysis of PROC Antibody (Center) with Hela cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



WB (Western Blot)
PROC Antibody (Center) western blot analysis in Jurkat cell line lysates (35ug/lane).This demonstrates the PROC antibody detected the PROC protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-PROC antibody	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.
Product Categories/Family for anti-PROC antibody	Cardiovascular
References	Tang, W., et al. Blood (2010) In press : Agapkina, Iu.V., et al. Mol. Biol. (Mosk.) 44(4):613-619(2010) Witt, I., et al. Blood Coagul. Fibrinolysis 5(4):651-653(1994) Zhang, L., et al. Blood 80(4):942-952(1992) Grundy, C.B., et al. Hum. Genet. 89(6):683-684(1992)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506115
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NCBI GeneID	5624
NCBI Accession #	NP_000303.1
NCBI GenBank Nucleotide #	NM_000312.3
UniProt Accession #	P04070; Q15189; Q15190; Q16001; Q53S74; Q9UC55; B4DPQ7
Molecular Weight	52071
NCBI Official Full Name	vitamin K-dependent protein C preproprotein
NCBI Official Synonym Full Names	protein C (inactivator of coagulation factors Va and VIIIa)
NCBI Official Symbol	PROC
NCBI Official Synonym Symbols	PC; APC; PROC1; THPH3; THPH4
NCBI Protein Information	vitamin K-dependent protein C
UniProt Protein Name	Vitamin K-dependent protein C
UniProt Gene Name	PROC
UniProt Entry Name	PROC_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/proc-antibody-immunohistochemistry-immunofluorescence-western-blot-elisa/287389>