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Protein C Antibody

Rabbit mAb
Catalog # AP91449

Product Information

Application	WB
Primary Accession	P04070
Reactivity	Human
Clonality	Monoclonal
Other Names	Activation peptide; Anticoagulant protein C; APC; Autoprothrombin IIA; Blood coagulation factor XIV; PROC1; THPH3; THPH4; Vitamin K dependent protein C;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	52071

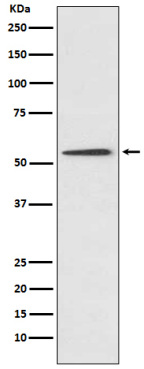
Additional Information

Dilution	WB 1:500~1:2000
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Protein C
Description	Protein C is a vitamin K-dependent serine protease that regulates blood coagulation by inactivating factors Va and VIIIa in the presence of calcium ions and phospholipids (PubMed:25618265). Exerts a protective effect on the endothelial cell barrier function.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Protein Information

Name	PROC
Function	Protein C is a vitamin K-dependent serine protease that regulates blood coagulation by inactivating factors Va and VIIIa in the presence of calcium ions and phospholipids (PubMed:25618265, PubMed:39880037). Exerts a protective effect on the endothelial cell barrier function (PubMed:25651845).
Cellular Location	Secreted. Golgi apparatus Endoplasmic reticulum
Tissue Location	Plasma; synthesized in the liver.

Images



Western blot analysis of Protein C expression in HepG2 cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.