

## PROC polyclonal antibody

Catalog: BS60875

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

Protein C is a vitamin K-dependent plasma protein that is produced in the liver and made up of two polypeptide chains. It is an important anti-coagulant activated by Thrombin bound to an endothelial surface receptor and it enzymatically cleaves activated forms of Factors V and VIII, thus inhibiting blood coagulation. Protein C is similar to the prothrombin group of blood coagulation factors in its primary structure. Normal protein C concentration in human plasma is approximately 1-3 ng/ml and the proenzyme concentration is approximately 3 µg/ml. Protein C deficiency is associated with inherited thrombophilia, a rare genetic disorder that predisposes affected individuals to venous thrombosis and habitual abortion.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

~ 52 kDa

### Swiss-Prot:

P04070

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

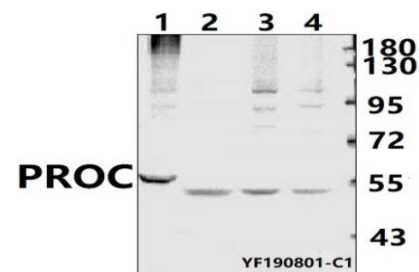
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

PROC polyclonal antibody detects endogenous levels of PROC protein.

### DATA:



Western blot (WB) analysis of PROC pAb at 1:500 dilution

Lane1:RAW264.7 whole cell lysate(40ug)

Lane2:HepG2 whole cell lysate(40ug)

Lane3:Jurkat whole cell lysate(40ug)

Lane4:HEK293T whole cell lysate (40ug)

### Note:

For research use only, not for use in diagnostic procedure.

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