

**bs-0040R****[ Primary Antibody ]****protein C Rabbit pAb****Bioss**  
**ANTIBODIES**

www.bioss.com.cn

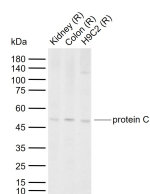
sales@bioss.com.cn

techsupport@bioss.com.cn

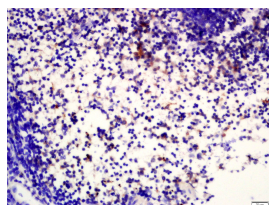
400-901-9800

**— DATASHEET —****Host:** Rabbit**Isotype:** IgG**Clonality:** Polyclonal**GeneID:** 5624**SWISS:** P04070**Target:** protein C**Immunogen:** KLH conjugated synthetic peptide derived from human Vitamin K-dependent protein C heavy chain: 371-460/461.**Purification:** affinity purified by Protein A**Concentration:** 1mg/ml**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

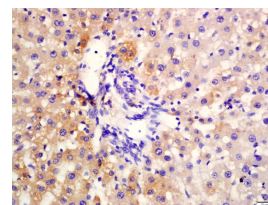
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**Background:** 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].**Applications:** WB (1:500-2000)**IHC-P** (1:100-500)**IHC-F** (1:100-500)**IF** (1:100-500)**Reactivity:** Human, Mouse, Rat  
(predicted: Pig, Cow, Chicken, Dog)**Predicted MW.:** 29/46 kDa**Subcellular Location:** Secreted**— VALIDATION IMAGES —**

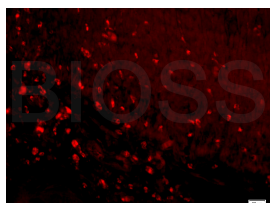
Sample: Lane 1: Rat Kidney tissue lysates Lane 2: Rat Colon tissue lysates Lane 3: Rat H9C2 cell lysates Primary: Anti-protein C (bs-0040R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 29/46 kDa Observed band size: 52 kDa



Tissue/cell: Mouse spleen tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Incubation: Anti-protein C Polyclonal Antibody, Unconjugated(bs-0040R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: Rat liver tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Incubation: Anti-protein C Polyclonal Antibody, Unconjugated(bs-0040R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: rat colitis tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Incubation: Anti-Activated

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

protein C/PROC1 Polyclonal Antibody,  
Unconjugated(bs-0040R) 1:200, overnight at 4°C;  
The secondary antibody was Goat Anti-Rabbit  
IgG, PE conjugated (bs-0295G-PE)used at 1:200  
dilution for 40 minutes at 37°C.