

bs-1389R**[Primary Antibody]****Cyclin G Rabbit pAb****BioSS**
ANTIBODIES

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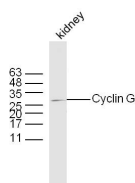
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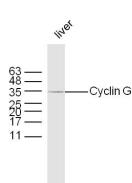
400-901-9800

— DATASHEET —**Host:** Rabbit**Isotype:** IgG**Clonality:** Polyclonal**GeneID:** 900**SWISS:** P51959**Target:** Cyclin G**Immunogen:** KLH conjugated synthetic peptide derived from human Cyclin G: 181-295/295.**Purification:** affinity purified by Protein A**Concentration:** 1mg/ml**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

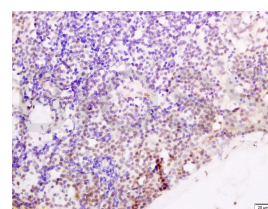
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: Cyclin G contains a typical N terminal cyclin box and a carboxy terminal domain sequence homologous to the tyrosine phosphorylation site of the epidermal growth factor receptor. Cyclin G2 shares 53% amino acid sequence identity with cyclin G1. Peak expression of cyclin G2 is seen in late S phase, as opposed to cyclin G1 expression, which is constitutive.**Applications:** WB (1:500-2000)**IHC-P** (1:100-500)**IHC-F** (1:100-500)**IF** (1:100-500)**ICC/IF** (1:100)**Reactivity:** Human, Mouse
(predicted: Rat, Rabbit, Pig,
Cow, Chicken, Dog, Horse)**Predicted
MW.:** 34 kDa**Subcellular
Location:** Nucleus**— VALIDATION IMAGES —**

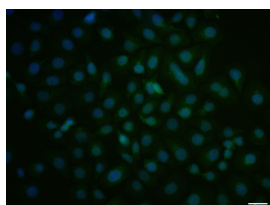
Sample: Kidney (Mouse) Lysate at 40 ug Primary:
Anti-Cyclin G (bs-1389R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at
1/20000 dilution Predicted band size: 34 kD
Observed band size: 34/30 kD



Sample: Liver (Mouse) Lysate at 40 ug Primary:
Anti-Cyclin G (bs-1389R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at
1/20000 dilution Predicted band size: 34 kD
Observed band size: 34/30 kD



Tissue/cell: human endometrium carcinoma; 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-Cyclin G Polyclonal Antibody,
Unconjugated(bs-1389R) 1:200, overnight at 4°C,
followed by conjugation to the secondary
antibody(SP-0023) and DAB(C-0010) staining



HepG2 cell; 4% Paraformaldehyde-fixed; Triton
X-100 at room temperature for 20 min; Blocking
buffer (normal goat serum, C-0005) at 37°C for 20
min; Antibody incubation with (Cyclin G)
polyclonal Antibody, Unconjugated (bs-1389R)
1:100, 90 minutes at 37°C; followed by a
conjugated Goat Anti-Rabbit IgG antibody at
37°C for 90 minutes, DAPI (blue, C02-04002) was

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

used to stain the cell nuclei.

— SELECTED CITATIONS —

- **[IF=0.352]** Xu, Qian, et al. "CYCLIN G1 INHIBITS THE PROLIFERATION OF MOUSE ENDOMETRIAL STROMAL CELL IN DECIDUALIZATION." Arch Biol Sci. 2017;69(1):71-81. ICC ;="Mouse". DOI:10.2298/ABS160124080X