bs-1389R

[Primary Antibody]

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Cyclin G Rabbit pAb

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 (1:100-500)

Reactivity: Human, Mouse

(predicted: Rat, Rabbit, Pig, Cow, Chicken, Dog, Horse)

Predicted MW.: 34 kDa

Subcellular Location: Nucleus

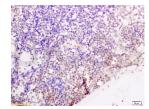
VALIDATION IMAGES -



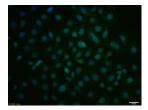
Sample: Kidney (Mouse) Lysate at 40 ug Primary: Anti-Cyclin G (bs-1389R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 34 kD Observed band size: 34/30 kD



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 paraffinembedded; 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

- 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