For research purposes only, not for human use

Product Data Sheet

Anti-Cyclin G1 Antibody

Catalog #	Source	Reactivity	Applications
CPA1173	Rabbit	H, M, R, B, P	WB, IH

Description	Rabbit polyclonal antibody to Cyclin G1
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Cyclin G1. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of Cyclin G1 protein.
Clonality	Polyclonal
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Dilution	WB (1/500 - 1/1000), IH (1/100 - 1/200)
Gene Symbol	CCNG1
Alternative Names	CCNG; CYCG1; Cyclin-G1; Cyclin-G
Entrez Gene	900 (Human); 12450 (Mouse); 25405 (Rat)
SwissProt	P51959 (Human); P51945 (Mouse); P39950 (Rat)
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference
Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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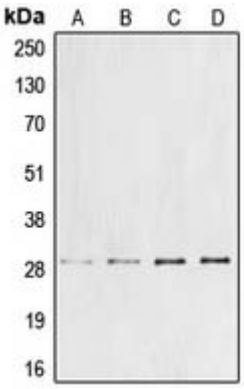
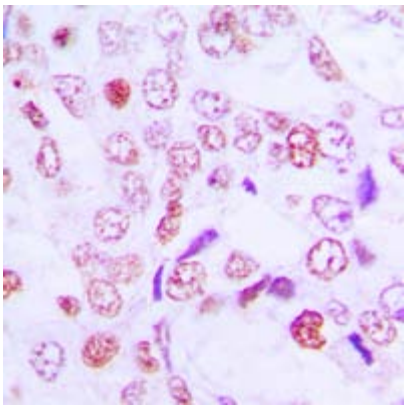


Western blot analysis of Cyclin G1 expression in DLD (A), Jurkat (B), mouse liver (C), rat liver (D) whole cell lysates.



Immunohistochemical analysis of Cyclin G1 staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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