

## Product datasheet for **AP50811PU-N**

### Cyclin G (CCNG1) (C-term) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	FC, WB
Recommended Dilution:	<b>ELISA:</b> 1/1000. <b>Western blot:</b> 1/50 - 1/100. <b>Flow Cytometry:</b> 1/10 - 1/50.
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 249-280 amino acids from the C-terminal region of human CCNG1
Specificity:	This antibody reacts to CCNG1.
Formulation:	PBS State: Purified State: Liquid purified Ig fraction Preservative: 0.09% (W/V) sodium azide
Concentration:	lot specific
Purification:	Saturated Ammonium Sulfate (SAS) precipitation
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	34074 Da
Gene Name:	cyclin G1
Database Link:	<a href="#">Entrez Gene 12450 Mouse</a> <a href="#">Entrez Gene 900 Human</a> <a href="#">P51959</a>



[View online »](#)

**Background:**

The eukaryotic cell cycle is governed by cyclin-dependent protein kinases (CDKs) whose activities are regulated by cyclins and CDK inhibitors. The protein encoded by this gene is a member of the cyclin family and contains the cyclin box. The encoded protein lacks the protein destabilizing (PEST) sequence that is present in other family members. Transcriptional activation of this gene can be induced by tumor protein p53. Two transcript variants encoding the same protein have been identified for this gene. [provided by RefSeq].

**Synonyms:**

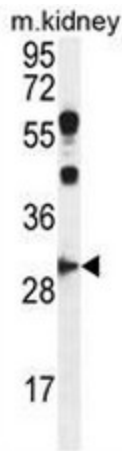
Cyclin-G1, Cyclin-G, CCNG1, CCNG, CYCG1

**Protein Families:**

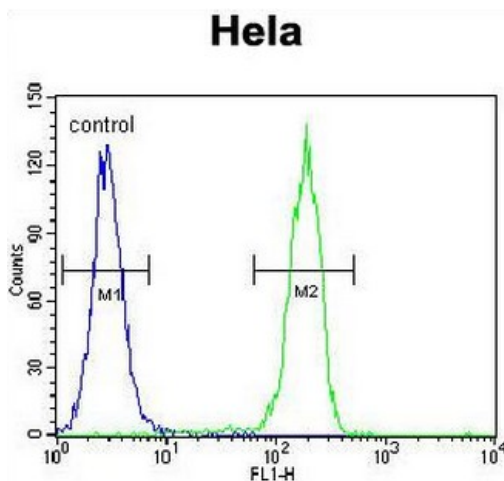
Druggable Genome

**Protein Pathways:**

p53 signaling pathway

**Product images:**


CCNG1 Antibody (C-term) western blot analysis in mouse kidney tissue lysates (35ug/lane). This demonstrates the CCNG1 antibody detected the CCNG1 protein (arrow).



CCNG1 Antibody (C-term) flow cytometric analysis of HeLa cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.