

**CCNG1 Antibody (N-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP11323a****Specification**

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**CCNG1 Antibody (N-term) Blocking peptide - Product Information**

Primary Accession [P51959](#)

**CCNG1 Antibody (N-term) Blocking peptide - Additional Information**

**Gene ID** 900

**Other Names**

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

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**CCNG1 Antibody (N-term) Blocking peptide - Protein Information**

**Name** CCNG1

**Synonyms** CCNG, CYCG1

**Function**

May play a role in growth regulation. Is associated with G2/M phase arrest in response to DNA damage. May be an intermediate by which p53 mediates its role as an inhibitor of cellular proliferation (By similarity).

**Cellular Location**

Nucleus. Note=DNA replication foci after DNA damage

**Tissue Location**

High levels in skeletal muscle, ovary, kidney and colon

**CCNG1 Antibody (N-term) Blocking peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

**CCNG1 Antibody (N-term) Blocking peptide - Images****CCNG1 Antibody (N-term) Blocking peptide - 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].

**CCNG1 Antibody (N-term) Blocking peptide - References**

Cunningham, J.M., et al. Br. J. Cancer 101(8):1461-1468(2009) Fornari, F., et al. Cancer Res. 69(14):5761-5767(2009) Li, H., et al. Mol. Cell. Biol. 29(3):919-928(2009) Piscopo, D.M., et al. Cancer Res. 68(14):5581-5590(2008) Seo, H.R., et al. J. Biol. Chem. 283(23):15601-15610(2008)