

CCNG1 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP10939a**Specification**

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)