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CCNG1 Antibody (N-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11323a

Specification

CCNG1 Antibody (N-term) - Product Information

Application	**WB,E**
Primary Accession	P51959
Other Accession	Q52QT8, Q5E9I1, NP_954854.1, NP_004051.1
Reactivity	**Human**
Predicted	**Bovine, Pig**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**34074**
Antigen Region	**20-53**

CCNG1 Antibody (N-term) - Additional Information

Gene ID 900

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

Target/Specificity
This CCNG1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 20-53 amino acids from the N-terminal region of human CCNG1.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
CCNG1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

CCNG1 Antibody (N-term) - 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

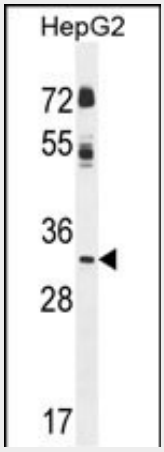
Tissue Location
High levels in skeletal muscle, ovary, kidney and colon

CCNG1 Antibody (N-term) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CCNG1 Antibody (N-term) - Images



CCNG1 Antibody (N-term) (Cat. #AP11323a) western blot analysis in HepG2 cell line lysates (35ug/lane).This demonstrates the CCNG1 antibody detected the CCNG1 protein (arrow).

CCNG1 Antibody (N-term) - 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].

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Fornari, F., et al. Cancer Res. 69(14):5761-5767(2009)
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Seo, H.R., et al. J. Biol. Chem. 283(23):15601-15610(2008)