

CCNG1 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI16180**Specification**

CCNG1 antibody - N-terminal region - Product Information

Application	WB
Primary Accession	P51959
Other Accession	NM_004060 , NP_004051
Reactivity	Human, Mouse, Rat, Pig, Bovine, Dog
Predicted	Human, Mouse, Rat, Pig, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	34kDa KDa

CCNG1 antibody - N-terminal region - Additional Information**Gene ID** 900

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

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-CCNG1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

CCNG1 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

CCNG1 antibody - N-terminal region - 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

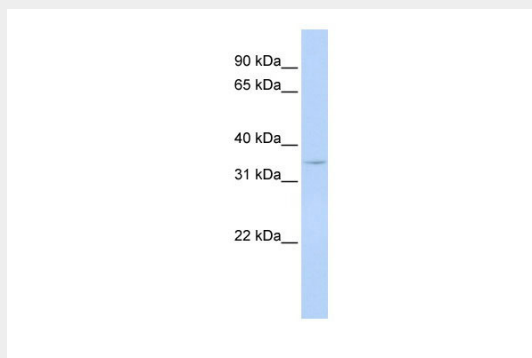
Tissue Location

High levels in skeletal muscle, ovary, kidney and colon

CCNG1 antibody - N-terminal region - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CCNG1 antibody - N-terminal region - Images

WB Suggested Anti-CCNG1 Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:62500

Positive Control: MCF7 cell lysate

CCNG1 antibody - N-terminal region - Background

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CCNG1 antibody - N-terminal region - References

Horne M.C., et al. J. Biol. Chem. 271:6050-6061(1996).
Bates S.A., et al. Oncogene 13:1103-1109(1996).
Endo Y., et al. Genomics 38:92-95(1996).
Reimer C.L., et al. J. Biol. Chem. 274:11022-11029(1999).
Ota T., et al. Nat. Genet. 36:40-45(2004).