

CCNG1 antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI16180

Product Information

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|--------------------------|---|
| Application | WB |
| Primary Accession | P51959 |
| Other Accession | NM_004060 , NP_004051 |
| Reactivity | Human, Mouse, Rat, Pig, Dog, Bovine |
| Predicted | Human, Mouse, Rat, Pig, Dog, Bovine |
| Host | Rabbit |
| Clonality | Polyclonal |
| Calculated MW | 34074 |

Additional Information

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| 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. |

Protein Information

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|--------------------------|--|
| 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 |

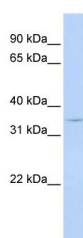
Background

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).

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).

Images



WB Suggested Anti-CCNG1 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:62500
Positive Control: MCF7 cell lysate

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.