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CCNG1 antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI16180

Product Information

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

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

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

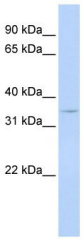
Background

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'.