

Cyclin G1 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51054

Product Information

Application	WB
Primary Accession	P51959
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	34074

Additional Information

Gene ID	900
Other Names	Cyclin-G1, Cyclin-G, CCNG1, CCNG, CYCG1
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Cyclin G1. The exact sequence is proprietary.
Dilution	WB~~ 1:1000
Format	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
Storage	Store at -20 °C.Stable for 12 months from date of receipt

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

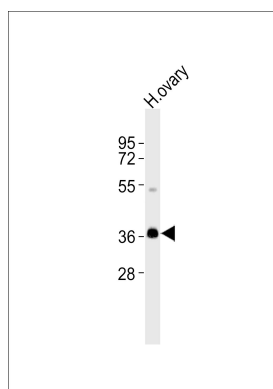
Background

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



Anti-Cyclin G1 Antibody at 1:1000 dilution + human ovary lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 34 kDa
Blocking/Dilution buffer: 5% NFDM/TBST.

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