

Cyclin G1 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51054**Specification**

Cyclin G1 Antibody - Product Information

Application	WB
Primary Accession	P51959
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	29 KDa
Antigen Region	161 - 220

Cyclin G1 Antibody - Additional Information**Gene ID** 900**Other Names**

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

Target/Specificity

KLH conjugated synthetic peptide derived from human Cyclin G1

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

Cyclin G1 Antibody - 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

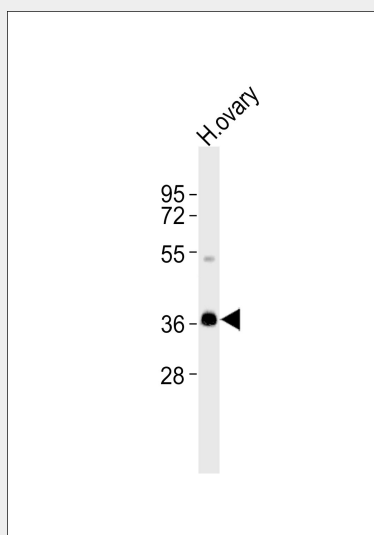
High levels in skeletal muscle, ovary, kidney and colon

Cyclin G1 Antibody - 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](#)

Cyclin G1 Antibody - 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.

Cyclin G1 Antibody - 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).

Cyclin G1 Antibody - 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).