

Cyclin G1 Antibody

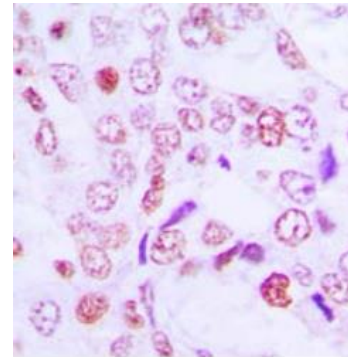
ALTERNATE NAMES:	CCNG; CYCG1; Cyclin-G1; Cyclin-G
CATALOG #:	6934-50
AMOUNT:	50 µl
HOST/ISOTYPE:	Rabbit
IMMUNOGEN:	This Cyclin F antibody is generated from KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Cyclin G1. The exact sequence is proprietary.
INTERNAL ID:	DM-03
MOLECULAR WEIGHT:	~34.00 kDa
FORM:	Liquid
FORMULATION:	1 mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
PURIFICATION:	This antibody is purified by immunogen affinity chromatography.
SPECIES REACTIVITY:	Human, Mouse, Rat, Bovine, Pig.
STORAGE CONDITIONS:	Aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

DESCRIPTION: Cyclin-G1 (CCNG1) belongs to the cyclin family and contains the cyclin box. CCNG1 may have a part in growth regulation and is associated with G2/M phase arrest in response to DNA damage. CCNG1 may be an intermediate by which p53 mediates its role as an inhibitor of cellular proliferation. The CCNG1 protein lacks the protein destabilizing (PEST) sequence which is present in other family members.

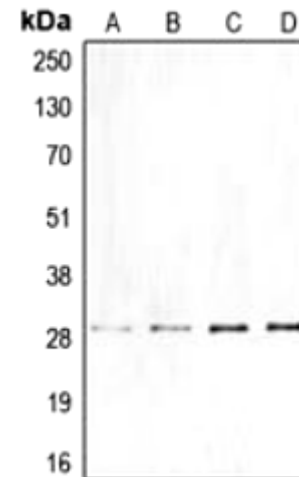
APPLICATION: WB: 1:500 - 1:1000, IHC: 1:100 – 1:200.

Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.

FOR RESEARCH USE ONLY! Not to be used on humans.



Immunohistochemical analysis of Cyclin G1 staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Western blot analysis of Cyclin G1 expression in DLD (A), Jurkat (B), mouse liver (C), rat liver (D) whole cell lysates

RELATED PRODUCTS:

- Cyclin E1 Antibody (Cat # 6932-50)
- Cyclin F Antibody (Cat # 6933-50)