

ARG54676 anti-Cyclin G1 antibody

Package: 50 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes Cyclin G1
Tested Reactivity	Hu, Ms, Rat
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Target Name	Cyclin G1
Conjugation	Un-conjugated
Alternate Names	Cyclin-G; CCNG; Cyclin-G1

Application Instructions

Application table	Application	Dilution
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Human ovary	
Observed Size	~ 35 kDa	

Properties

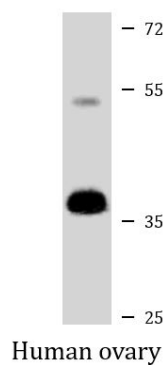
Form	Liquid
Buffer	0.01M PBS (pH 7.2), 0.1% Sodium azide and 50% Glycerol
Preservative	0.1% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	CCNG1
Gene Full Name	cyclin G1
Background	The eukaryotic cell cycle is governed by cyclin-dependent protein kinases (CDKs) whose activities are regulated by cyclins and CDK inhibitors. Cyclin G1 is a member of the cyclin family and contains the cyclin box. It lacks the protein destabilizing (PEST) sequence that is present in other family members. Transcriptional activation of CCNG1 gene can be induced by tumor protein p53. Two transcript variants

Function	encoding the same Cyclin G1 protein have been identified. [provided by RefSeq, Jul 2008] 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). [UniProt]
Research Area	Cell Biology and Cellular Response antibody; Gene Regulation antibody
Calculated Mw	34 kDa
Cellular Localization	Nucleus.

Images



ARG54676 anti-Cyclin G1 antibody WB image

Western blot: 20 µg of Human ovary lysate stained with ARG54676 anti-Cyclin G1 antibody at 1:1000 dilution.
Blocking/Dilution buffer: 5% NFDm/TBST.