

Datasheet for ABIN654893  
**anti-Cyclin G1 antibody (N-Term)**

## 2 Images

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## Overview

Quantity:	400 µL
Target:	Cyclin G1 (CCNG1)
Binding Specificity:	AA 20-53, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cyclin G1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

## Product Details

Immunogen:	This CCNG1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 20-53 amino acids from the N-terminal region of human CCNG1.
Clone:	RB14706
Isotype:	Ig Fraction
Predicted Reactivity:	B, Pig
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	Cyclin G1 (CCNG1)
Alternative Name:	CCNG1 ( <a href="#">CCNG1 Products</a> )

## Target Details

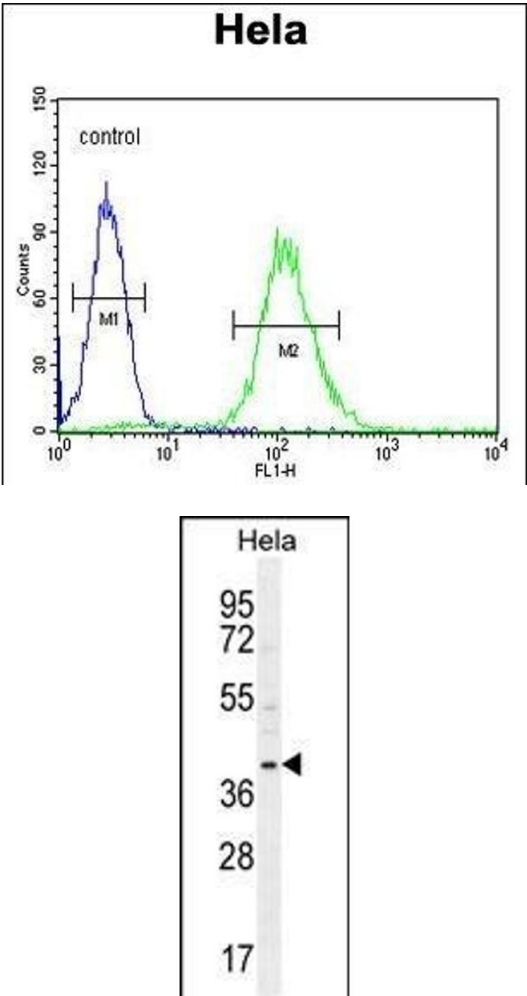
Background:	The eukaryotic cell cycle is governed by cyclin-dependent protein kinases (CDKs) whose activities are regulated by cyclins and CDK inhibitors. The protein encoded by this gene is a member of the cyclin family and contains the cyclin box. The encoded protein lacks the protein destabilizing (PEST) sequence that is present in other family members. Transcriptional activation of this gene can be induced by tumor protein p53. Two transcript variants encoding the same protein have been identified for this gene. [provided by RefSeq].
Molecular Weight:	34074
Gene ID:	900
NCBI Accession:	<a href="#">NP_004051</a> , <a href="#">NP_954854</a>
UniProt:	<a href="#">P51959</a>
Pathways:	<a href="#">p53 Signaling</a>

## Application Details

Application Notes:	WB: 1:1000. FC: 1:10~50
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Flow Cytometry

**Image 1.** CCNG1 Antibody (N-term) (ABIN654893 and ABIN2844543) flow cytometric analysis of Hela cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

**Image 2.** CCNG1 Antibody (N-term) (ABIN654893 and ABIN2844543) western blot analysis in Hela cell line lysates (35 µg/lane).This demonstrates the CCNG1 antibody detected the CCNG1 protein (arrow).