Datasheet for ABIN655159

anti-Cyclin G1 antibody (C-Term)

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Overview

Quantity:	400 µL
Target:	Cyclin G1 (CCNG1)
Binding Specificity:	AA 243-272, C-Term
Reactivity:	Mouse
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 243-272 amino acids from the C-terminal region of human CCNG1.
Clone:	RB14997
Isotype:	Ig Fraction
Predicted Reactivity:	Pig
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	Cyclin G1 (CCNG1)

Target Details

Alternative Name:	CCNG1 (CCNG1 Products)
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:	NP_004051, NP_954854
UniProt:	P51959
Pathways:	p53 Signaling

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

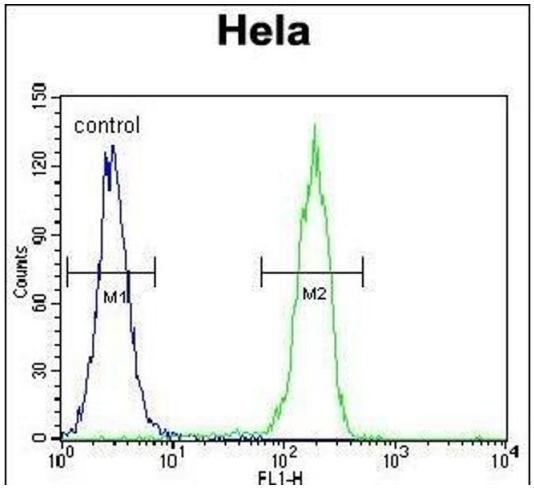
Publications

Product cited in:	Kawakubo-Yasukochi, Morioka, Hazekawa, Yasukochi, Nishinakagawa, Ono, Kawano,

Publications

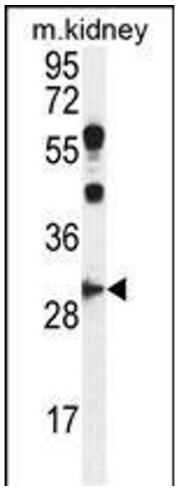
Nakamura, Nakashima: "miR-200c-3p spreads invasive capacity in human oral squamous cell carcinoma microenvironment." in: **Molecular carcinogenesis**, Vol. 57, Issue 2, pp. 295-302, (2018) (PubMed).

Images



Flow Cytometry

Image 1. CCNG1 Antibody (C-term) (ABIN655159 and ABIN2844777) 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 (C-term) (ABIN655159 and ABIN2844777) western blot analysis in mouse kidney tissue lysates (35 µg/lane).This demonstrates the CCNG1 antibody detected the CCNG1 protein (arrow).