

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-Cyclin B1



Numéro de catalogue: 28603-1-AP

Phare

42 Publications

## Informations de base

Numéro de catalogue:

28603-1-AP

Taille:

150ul, Concentration: 900 µg/ml by Nanodrop and 400 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG29426

Numéro d'acquisition GenBank:

BC006510

Identification du gène (NCBI):

891

Nom complet:

cyclin B1

MW calculé

48 kDa

MW observés:

55-60 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:1000-1:8000

IP 0.5-4.0 ug for IP and 1:1000-1:4000 for WB

IHC 1:200-1:800

IF 1:200-1:800

## Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Demandes citées:

IF, IHC, WB

Spécificité de l'espèce:

Humain

Espèces citées:

bovin, canin, Humain, poulet, rat, souris

**Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (\*) A défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.**

Contrôles positifs:

WB : cellules HT-29, cellules C6, cellules HeLa, cellules K-562

IP : cellules HeLa,

IHC : tissu de cancer de la peau humain, tissu d'amygdalite humain

IF : cellules HeLa, cellules HT-29

## Informations générales

Cyclin B1 is a regulatory protein involved in mitosis. The gene product complexes with p34(cdc2) to form the maturation-promoting factor (MPF). Two alternative transcripts have been found, a constitutively expressed transcript and a cell cycle-regulated transcript, that is expressed predominantly during G2/M phase of the cell cycle. The different transcripts result from the use of alternate transcription initiation sites. The antibody is specific to CCNB1. We got a 55-60 kDa band in western blotting maybe due to phosphorylation.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Zilu Zhang	34570444	Cancer Biol Med	WB
Taiwei Wang	36169181	Oncol Rep	WB
Huan Ma	33573708	Oncol Res	WB

## Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

\*\*\* Les 20ul contiennent 0,1% de BSA.

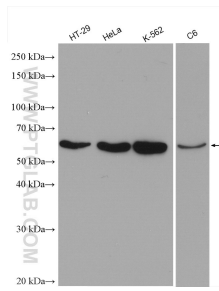
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

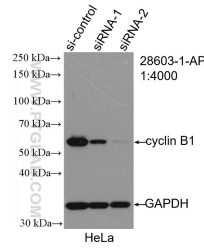
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

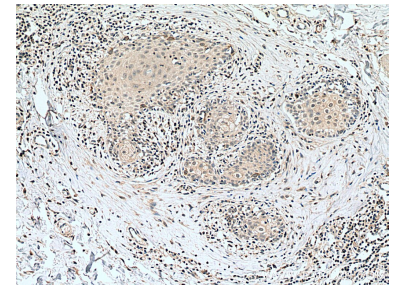
## Données de validation sélectionnées



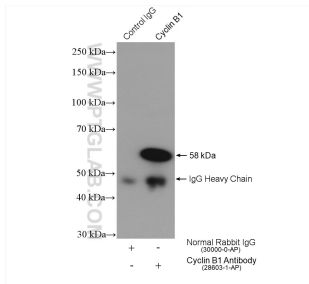
Various lysates were subjected to SDS PAGE followed by western blot with 28603-1-AP (Cyclin B1 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



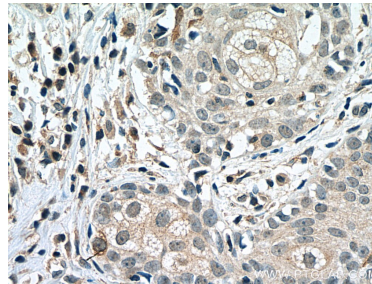
WB result of Cyclin B1 antibody (28603-1-AP; 1:4000; incubated at room temperature for 1.5 hours) with sh-Control and sh-Cyclin B1 transfected HeLa cells.



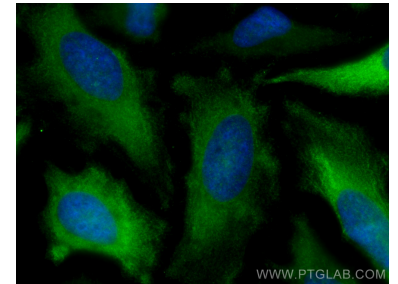
Immunohistochemical analysis of paraffin-embedded human skin cancer tissue slide using 28603-1-AP (Cyclin B1 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



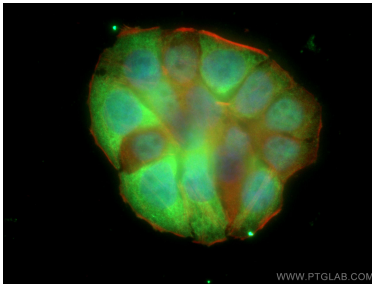
IP result of anti-Cyclin B1(IP:28603-1-AP, 4ug; Detection:28603-1-AP 1:2000) with HeLa cells lysate 1800 ug.



Immunohistochemical analysis of paraffin-embedded human skin cancer tissue slide using 28603-1-AP (Cyclin B1 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using Cyclin B1 antibody (28603-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed HT-29 cells using Cyclin B1 antibody (28603-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).