

Datasheet for ABIN655054

anti-Cyclin B1 antibody (C-Term)**3** Images[Go to Product page](#)

Overview

Quantity:	400 µL
Target:	Cyclin B1 (CCNB1)
Binding Specificity:	AA 381-411, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cyclin B1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This CCNB1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 381-411 amino acids from the C-terminal region of human CCNB1.
Clone:	RB14992
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	Cyclin B1 (CCNB1)
Alternative Name:	CCNB1 (CCNB1 Products)

Target Details

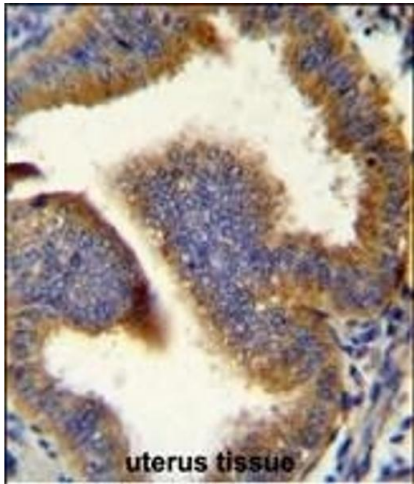
Background:	The protein encoded by this gene is a regulatory protein involved in mitosis. The gene product complexes with p34(cdc2) to form the maturation-promoting factor (MPF). Two alternative transcripts have been found, a constitutively expressed transcript and a cell cycle-regulated transcript, that is expressed predominantly during G2/M phase. The different transcripts result from the use of alternate transcription initiation sites. [provided by RefSeq].
Molecular Weight:	48337
NCBI Accession:	NP_114172
UniProt:	P14635
Pathways:	Cell Division Cycle , AMPK Signaling , Mitotic G1-G1/S Phases , M Phase

Application Details

Application Notes:	WB: 1:1000. WB: 1:1000. IHC-P: 1:50~100
Restrictions:	For Research Use only

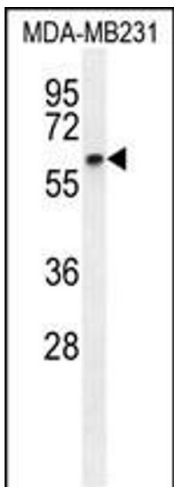
Handling

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
Expiry Date:	6 months



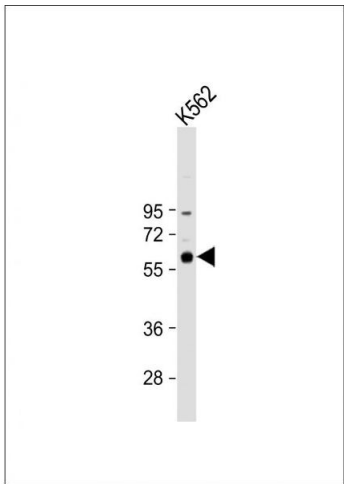
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. CCNB1 Antibody (C-term) (ABIN655054 and ABIN2844683) immunohistochemistry analysis in formalin fixed and paraffin embedded human uterus tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of CCNB1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 2. CCNB1 Antibody (C-term) (ABIN655054 and ABIN2844683) western blot analysis in MDA-M cell line lysates (35 µg/lane). This demonstrates the CCNB1 antibody detected the CCNB1 protein (arrow).



Western Blotting

Image 3. Anti-CCNB1 Antibody (C-term) at 1:1000 dilution + K562 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 48 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.