

Datasheet for ABIN655048

anti-Cyclin B1 antibody (AA 241-268)**2** Images**1** Publication[Go to Product page](#)

Overview

Quantity:	400 µL
Target:	Cyclin B1 (CCNB1)
Binding Specificity:	AA 241-268
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 241-268 amino acids from the Central region of human CCNB1.
Clone:	RB14911
Isotype:	Ig Fraction
Predicted Reactivity:	B, Ha, M, Rat
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	Cyclin B1 (CCNB1)
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Target Details

Alternative Name:	CCNB1 (CCNB1 Products)
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
Gene ID:	891
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. IHC-P: 1:50~100
Restrictions:	For Research Use only

Handling

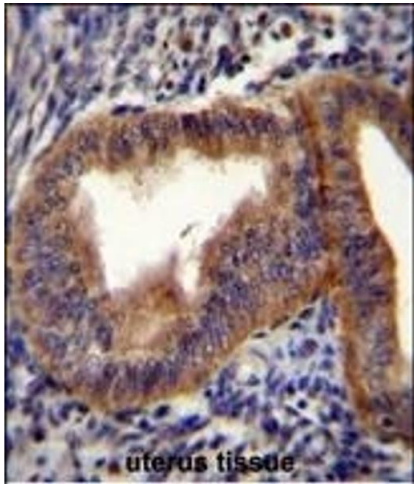
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	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:	Chang, Nam, Kook, Kim, Liu, Yao, Jung, Lemos, Seo, Park, Gim, Hong, Huh, Kim, Tan, Liu, Powis, Park, Liang, Kim: "HNF4? is a therapeutic target that links AMPK to WNT signalling in early-
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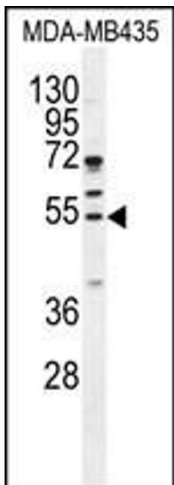
stage gastric cancer." in: **Gut**, (2014) ([PubMed](#)).

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. CCNB1 Antibody (Center) (ABIN655048 and ABIN2844676) 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 (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 2. CCNB1 Antibody (Center) (ABIN655048 and ABIN2844676) western blot analysis in MDA-M cell line lysates (35 µg/lane). This demonstrates the CCNB1 antibody detected the CCNB1 protein (arrow).