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# CCNB1 Antibody (Center Y177)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20410c

## Product Information

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|---|---|
| **Application** | WB, E |
| **Primary Accession** | P14635 |
| **Other Accession** | P30277, P24860, Q08301, Q1LZG6 |
| **Reactivity** | Rat, Human |
| **Predicted** | Bovine, Hamster, Mouse, Rat, Canine, Rabbit, Chicken |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Isotype** | Rabbit IgG |
| **Clone Names** | RB43000 |
| **Calculated MW** | 48337 |
| **Antigen Region** | 155-182 |

## Additional Information

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|---|---|
| **Gene ID** | 891 |
| **Other Names** | G2/mitotic-specific cyclin-B1, CCNB1, CCNB |
| **Target/Specificity** | This CCNB1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 155-182 amino acids from the Central region of human CCNB1. |
| **Dilution** | WB~~1:1000 E~~Use at an assay dependent concentration. |
| **Format** | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| **Storage** | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| **Precautions** | CCNB1 Antibody (Center Y177) is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

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|---|---|
| **Name** | CCNB1 |
| **Synonyms** | CCNB |
| **Function** | Essential for the control of the cell cycle at the G2/M (mitosis) transition |

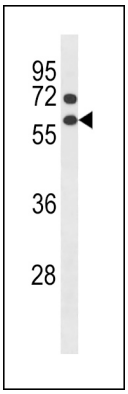
(PubMed:27030811, PubMed:17495531, PubMed:17495533). Binds and activates cyclin-dependent protein kinase CDK1/CDC2 (PubMed:41100585).

**Cellular Location** Cytoplasm. Nucleus. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome

## Background

Essential for the control of the cell cycle at the G2/M (mitosis) transition.

## Images




CCNB1 Antibody (Center Y177) (Cat. #AP20410c) western blot analysis in NCI-H460 cell line lysates (35ug/lane).This demonstrates the CCNB1 antibody detected the CCNB1 protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.