

**CCNB1 Antibody (C-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP11102b**

**Specification**

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**CCNB1 Antibody (C-term) Blocking peptide - Product Information**

Primary Accession [P14635](#)

**CCNB1 Antibody (C-term) Blocking peptide - Additional Information**

**Gene ID** 891

**Other Names**

G2/mitotic-specific cyclin-B1, CCNB1, CCNB

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**CCNB1 Antibody (C-term) Blocking peptide - Protein Information**

**Name** CCNB1

**Synonyms** CCNB

**Function**

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

**Cellular Location**

Cytoplasm. Nucleus. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome

**CCNB1 Antibody (C-term) Blocking peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

**CCNB1 Antibody (C-term) Blocking peptide - Images**

**CCNB1 Antibody (C-term) Blocking peptide - 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].

#### **CCNB1 Antibody (C-term) Blocking peptide - References**

Kreis, N.N., et al. Oncogene 29(41):5591-5603(2010) van Zon, W., et al. J. Cell Biol. 190(4):587-602(2010) Harley, M.E., et al. EMBO J. 29(14):2407-2420(2010) Olson, J.E., et al. Breast Cancer Res. Treat. (2010) In press : Nantajit, D., et al. PLoS ONE 5 (8), E12341 (2010) :