

**Cyclin B1 Antibody (S126)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP7598b****Specification**

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**Cyclin B1 Antibody (S126) - Product Information**

Application	WB,E
Primary Accession	<a href="#">P14635</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	48337
Antigen Region	104-133

**Cyclin B1 Antibody (S126) - Additional Information****Gene ID** 891**Other Names**

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

**Target/Specificity**

This Cyclin B1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 104-133 amino acids from human Cyclin B1.

**Dilution**

WB~~1:1000

**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**

Cyclin B1 Antibody (S126) is for research use only and not for use in diagnostic or therapeutic procedures.

**Cyclin B1 Antibody (S126) - Protein Information****Name** CCNB1**Synonyms** CCNB**Function** Essential for the control of the cell cycle at the G2/M (mitosis) transition.

### Cellular Location

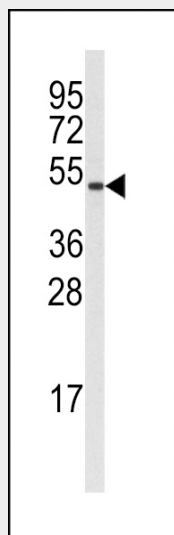
Cytoplasm. Nucleus. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome

### Cyclin B1 Antibody (S126) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### Cyclin B1 Antibody (S126) - Images



Western blot analysis of anti-Cyclin B1 Antibody (S126) (Cat.#AP7598b) in A375 cell line lysates (35ug/lane). Cyclin B1 (arrow) was detected using the purified Pab.

### Cyclin B1 Antibody (S126) - Background

Cyclin B1 is a regulatory protein involved in mitosis. It complexes with p34(cdc2) to form the maturation-promoting factor (MPF).

### Cyclin B1 Antibody (S126) - References

Yoshida, T., et al., Ann. Oncol. 15(2):252-256 (2004). Chang, D.C., et al., J. Biol. Chem. 278(39):37865-37873 (2003). Sanchez, V., et al., J. Virol. 77(24):13214-13224 (2003). Li, J.Q., et al., Int. J. Oncol. 22(5):1101-1110 (2003). Porter, L.A., et al., Blood 101(5):1928-1933 (2003).

### Cyclin B1 Antibody (S126) - Citations

- [Targeting the overexpressed CREB inhibits esophageal squamous cell carcinoma cell growth.](#)