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Cyclin B1 Antibody (S126)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP7598b

Specification

Cyclin B1 Antibody (S126) - Product Information

Application	**WB,E**
Primary Accession	P14635
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.

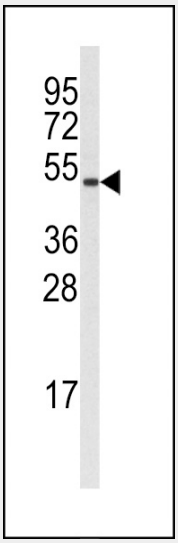
Cellular Location
Cytoplasm. Nucleus. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome

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 Cytomety
- 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.