

Anti-Cyclin B1 (RABBIT) Antibody
Cyclin B1 Antibody
Catalog # ASR3662**Specification**

Anti-Cyclin B1 (RABBIT) Antibody - Product Information

| | |
|------------------|---|
| Host | Rabbit |
| Conjugate | Unconjugated |
| Target Species | Human |
| Reactivity | Human |
| Clonality | Polyclonal |
| Application | WB, IHC, E, IP, I, LCI |
| Application Note | Anti-Cyclin B1 antibody has been tested by western blot and immunohistochemistry and is suitable for use in ELISA, immunoblotting, immunoprecipitation, immunohistochemistry, and other immunological methods requiring high titer and specificity. Specific conditions for reactivity and detection of Cyclin B1 should be optimized by the end user. Expect a band approximately 55-66 kDa in size corresponding to Cyclin B1 by western blotting in the appropriate cell lysate or extract. H23 cells may be used as a positive control. |
| Physical State | Liquid (sterile filtered) |
| Immunogen | Anti-Cyclin B1 antibody was produced by repeated immunizations of full length fusion protein corresponding to the human gene. |
| Preservative | 0.01% (w/v) Sodium Azide |

Anti-Cyclin B1 (RABBIT) Antibody - Additional Information**Gene ID** 891**Other Names**
891**Purity**

This product was prepared from monospecific antiserum by delipidation and defibrination. Antiserum will specifically react with a 55-62 kDa Cyclin B1 protein from human, rat and mouse tissue. No reaction was observed against other related cyclins. Cross reactivity with Cyclin B1 from other species may also occur.

Storage Condition

Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted

liquid. Dilute only prior to immediate use.

Precautions Note

This product is for research use only and is not intended for therapeutic or diagnostic applications.

Anti-Cyclin B1 (RABBIT) Antibody - Protein Information

Name CCNB1

Synonyms CCNB

Function

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

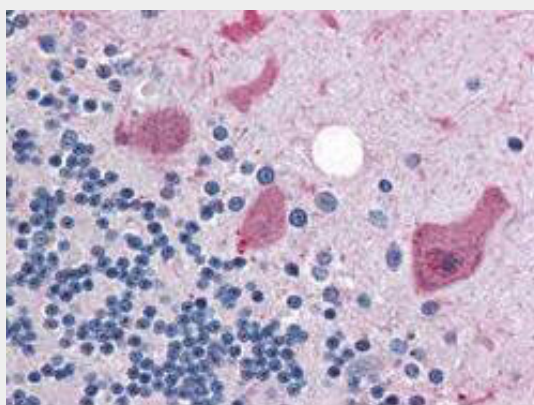
Cellular Location

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

Anti-Cyclin B1 (RABBIT) Antibody - 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](#)

Anti-Cyclin B1 (RABBIT) Antibody - Images

Rockland's anti-Cyclin B1 antibody was diluted 1:500 to detect Cyclin B1 in human brain cerebellum tissue. Tissue was formalin fixed and paraffin embedded. No pre-treatment of sample was required. The image shows the localization of antibody as the precipitated red signal, with a hematoxylin purple nuclear counter stain.

Anti-Cyclin B1 (RABBIT) Antibody - Background

The protein encoded by this gene is a regulatory protein involved in mitosis. The gene product forms a complex 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.