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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.

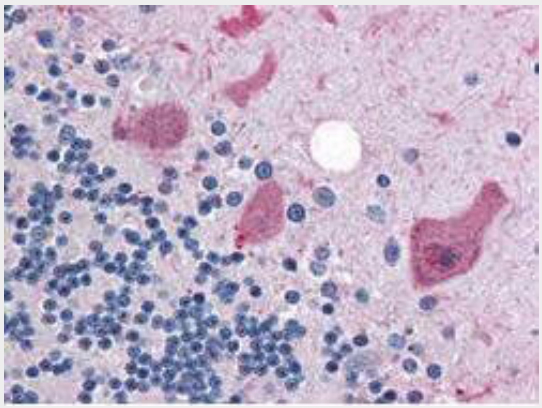
Cellular Location
Cytoplasm. Nucleus. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome

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 Cytomety
- 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

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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.