

**KD-Validated Anti-Cyclin B1 Rabbit Polyclonal Antibody**  
**Rabbit polyclonal antibody**  
**Catalog # AGI2118****Specification**

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**KD-Validated Anti-Cyclin B1 Rabbit Polyclonal Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">P14635</a>
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	Predicted, 48 kDa, observed, 58 kDa kDa
Gene Name	CCNB1
Aliases	CCNB1; Cyclin B1; CCNB; G2/Mitotic-Specific Cyclin-B1; G2/Mitotic-Specific Cyclin B1
Immunogen	A synthesized peptide derived from human Cyclin B1

**KD-Validated Anti-Cyclin B1 Rabbit Polyclonal Antibody - Additional Information**

Gene ID	891
<b>Other Names</b>	
G2/mitotic-specific cyclin-B1, CCNB1, CCNB	

**KD-Validated Anti-Cyclin B1 Rabbit Polyclonal 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

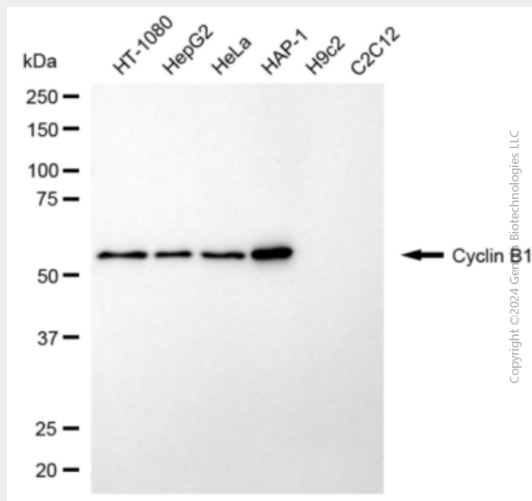
**KD-Validated Anti-Cyclin B1 Rabbit Polyclonal Antibody - Protocols**

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

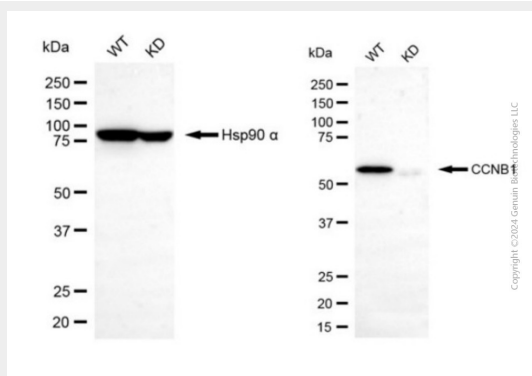
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)

- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## KD-Validated Anti-Cyclin B1 Rabbit Polyclonal Antibody - Images



Western blotting analysis using anti-cyclin B1 antibody (Cat#AGI2118). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-cyclin B1 antibody (Cat#AGI2118, 1:2,500) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-cyclin B1 antibody (Cat #AGI2118). Cyclin B1 expression in wild-type (WT) and cyclin B1 (CCNB1) knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-cyclin B1 antibody (Cat #AGI2118, 1:2,500) and HRP-conjugated goat anti-rabbit secondary antibody respectively.