

# KD-Validated Anti-Cyclin B1 Rabbit Polyclonal Antibody

*Rabbit polyclonal antibody*

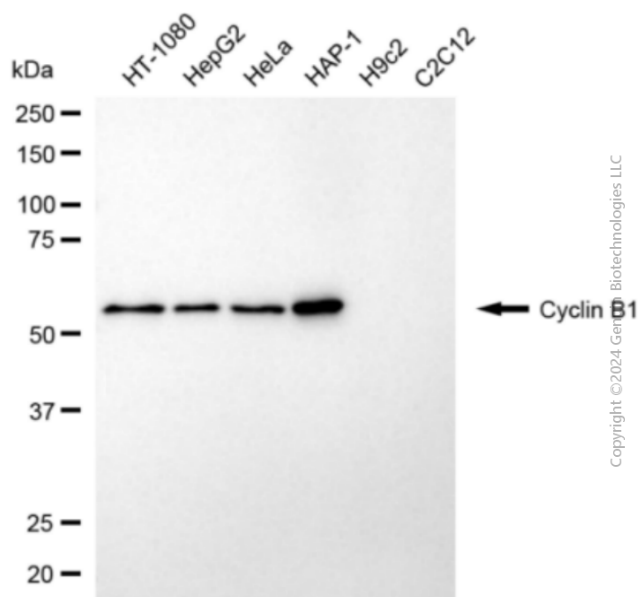
ABG2118

## Product Overview

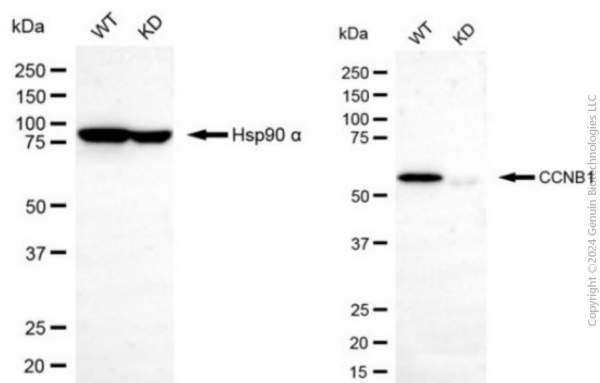
|                             |                                                                           |
|-----------------------------|---------------------------------------------------------------------------|
| <b>Name</b>                 | KD-Validated Anti-Cyclin B1 Rabbit Polyclonal Antibody                    |
| <b>Accession(Primary)</b>   | P14635                                                                    |
| <b>Host Species</b>         | Rabbit                                                                    |
| <b>Clonality</b>            | Polyclonal                                                                |
| <b>Isotype</b>              | Rabbit IgG                                                                |
| <b>Immunogen</b>            | A synthesized peptide derived from human Cyclin B1                        |
| <b>Species Reactivity</b>   | Human                                                                     |
| <b>Calculated MW</b>        | Predicted, 48 kDa, observed, 58 kDa                                       |
| <b>Storage Buffer</b>       | Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide. |
| <b>Recommended Dilution</b> | Western Blotting (WB): 1:500-1:2,500                                      |

## Target information (P14635)

|                          |                                                                                                                                                                                                                                                                                         |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>         | CCNB1                                                                                                                                                                                                                                                                                   |
| <b>About Gene Symbol</b> | CCNB1 (Cyclin B1) is a protein kinase and signaling regulator involved in cell cycle regulation. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets. |



Western blotting analysis using anti-cyclin B1 antibody (Cat#ABG2118). 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#ABG2118, 1:2,500) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-cyclin B1 antibody (Cat #ABG2118). 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 #ABG2118, 1:2,500) and HRP-conjugated goat anti-rabbit secondary antibody respectively.