
Product Name: KD-Validated Cyclin B1 Rabbit Polyclonal Antibody**Catalog #: KVA00480**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit pAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2,500
Molecular Weight	Calculated MW: 48.3kDa

Antigen Information

Gene Name	CCNB1
Alternative Names	CCNB1; Cyclin B1; CCNB; G2/Mitotic-Specific Cyclin-B1; G2/Mitotic-Specific Cyclin B1
Gene ID	891.0
SwissProt ID	P14635
Immunogen	A synthesized peptide derived from human Cyclin B1

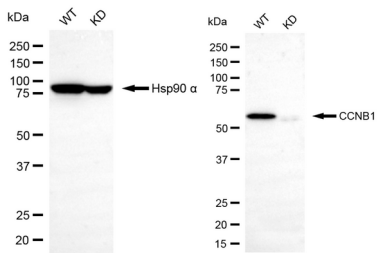
Background

The protein encoded by this gene is a regulatory protein involved in mitosis. The gene product complexes with p34(cdc2) to form the maturation-promoting factor (MPF). The encoded protein is necessary for proper control of the G2/M transition phase of the cell cycle. [provided by RefSeq, Aug 2017]

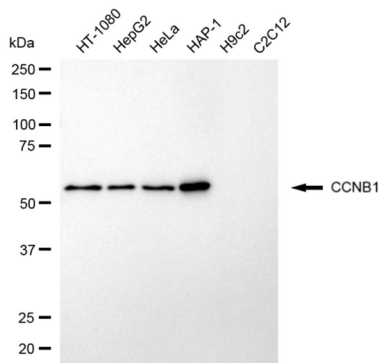
Research Area

Cell Biology, Epigenetics and Nuclear Signaling, Cancer

Image Data



Western blotting analysis using CCNB1 antibody (KVA00480). CCNB1 expression in wild-type (WT) and CCNB1 knockdown (KD) HeLa cells with 20 μ g of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with CCNB1 antibody (KVA00480, 1:2,500) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using CCNB1 antibody (KVA00480). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with CCNB1 antibody (KVA00480, 1:2,500) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.