

Anti-Cyclin B1 antibody



Description	Rabbit polyclonal to Cyclin B1.
Model	STJ92535
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human Cyclin B1 around the non-phosphorylation site of S147.
Immunogen Region	90-170 aa
Gene ID	891
Gene Symbol	CCNB1
Dilution range	WB 1:500-1:2000ELISA 1:20000
Specificity	Cyclin B1 Polyclonal Antibody detects endogenous levels of Cyclin B1 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	G2/mitotic-specific cyclin-B1
Molecular Weight	65 kDa
Clonality	Polyclonal
Conjugation	Unconjugated

Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:15790MIM:123836
Alternative Names	G2/mitotic-specific cyclin-B1
Function	Essential for the control of the cell cycle at the G2/M (mitosis) transition.
Cellular Localization	Cytoplasm. Nucleus. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome.
Post-translational Modifications	Ubiquitinated by the SCF(NIPA) complex during interphase, leading to its destruction. Not ubiquitinated during G2/M phases. Phosphorylated by PLK1 at Ser-133 on centrosomes during prophase: phosphorylation by PLK1 does not cause nuclear import. Phosphorylation at Ser-147 was also reported to be mediated by PLK1 but Ser-133 seems to be the primary phosphorylation site.

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