

Rabbit Anti-Cyclin B1 antibody

SL0572R

Product Name:	Cyclin B1
Chinese Name:	周期素B1抗体 周期素B1抗体
Alias:	CCNB 1; CCNB; CCNB1; CCNB1_HUMAN; G2 mitotic specific cyclin B1;
	G2/mitotic-specific cyclin-B1.
	Specific References(9) SL0572R has been referenced in 9 publications.
	[IF=3.73]Ghate, Nikhil Baban, et al. "An Antioxidant Extract of Tropical Lichen,
	Parmotrema reticulatum, Induces Cell Cycle Arrest and Apoptosis in Breast Carcinoma
	Cell Line MCF-7." PLOS ONE 8.12 (2013): e82293.WB;Human.
	PubMed:24358166
	[IF=2.08]Zhang, Jihong, et al. "Interleukin 18 augments growth ability via NF- κ B and
	p38/ATF2 pathways by targeting cylin B1, cyclin B2, cylin A2, and Bcl-2 in BRL-3A
かおご用	rat liver cells." Gene (2015).WB;Rat.
Clarifi Duck Operat	PubMed:25752290
rubtueu	[IF=2.22]Wang, Chengke, and Zhenxin Wang. "Studying the relationship between cell
	cycle and Alzheimer's disease by gold nanoparticle probes." Analytical Biochemistry
	(2015).ELISA;Human.
	PubMed:26299647
	[IF=5.01]Ghate, N. B., et al. "Sundew plant, a potential source of anti-inflammatory
	agents, selectively induces G2/M arrest and apoptosis in MCF-7 cells through
	upregulation of p53 and Bax/Bcl-2 ratio." Cell Death Discovery 2 (2016).WB;Human.
	PubMed:27551490
	[IF=2.16]Zhang, Jin, et al. "Silica nanoparticles induce start inhibition of meiosis and

	cell cycle arrest via down-regulating meiotic relevant factors." Toxicology Research
	(2016). WB;Mouse .
	PubMed:0
	[IF=5.01]Guo, Hongrui, et al. "Dietary NiCl2 causes cell cycle arrest in the broiler's
	kidney." Oncotarget. (2015) 6.34:35964-77. IHC-P:Chicken .
	PubMed:26440151
	IT dotted 20 Horst
	like death in SGC 7001 human gastria carainama calls " Malagular madigina reports
	12.2 (201(): 122(1244 WP H
	13.2 (2016): 1336-1344. WB;Human .
	<u>PubMed:26677104</u>
	[IF=3.58]Wang, Qi, et al. "Methamphetamine induces hepatotoxicity via inhibiting cell
	division, arresting cell cycle and activating apoptosis: In vivo and in vitro studies." Food
	and Chemical Toxicology (2017).WB;Rat
	PubMed:28341135
	UE=2 1217hang. Wan fang, at al. "Angelies nelvseesharides inhibit the growth and
	IT-5.15 Zhang, wei-teng, et al. Angenca polysaccharides innot the growth and
	promote the apoptosis of U251 glioma cells in vitro and in vivo." Phytomedicine
	(2017). WB;Human .
	PubMed:0
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human, Mouse, Rat, Cow,
	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800Flow-
Applications	Cyt=1µg/TestIF=1:100-500 (Paraffin sections need antigen repair)
	not yet tested in other applications.
	optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	48kDa
Cellular localization:	The nucleuscytoplasmic
Form:	Lyophilized or Liquid
Concentration:	lmg/ml
immunogen:	KLH conjugated synthetic peptide derived from human Cyclin B1:271-433/433
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized
Storage	antibody is stable at room temperature for at least one month and for greater than a year
Storage:	when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of
	antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed

Product Detail:	 roduct complexes with p34(cdc2) to form the naturation-promoting factor (MPF). Two ilternative transcripts have been found, a constitutively expressed transcript and a cell cycle-regulated transcript mut a cell cycle-regulated transcripts result from the use of alternate transcription initiation sites. provided by RefSeq, Jul 2008]. Function: assential for the control of the cell cycle at the G2/M (mitosis) transition. Subunit: nteracts with the CDC2 protein kinase to form a serine/threonine kinase holoenzyme complex also known as maturation promoting factor (MPF). The cyclin subunit imparts substrate specificity to the complex. Binds HE110. Interacts with catalytically active RALBP1 and CDC2 during mitosis to form an endocytotic complex during interphase. Interacts with CCNF; interaction is required for nuclear localization. Subcellular Location: Cytoplasm. Nucleus. Cytoplasm, cytoskeleton, centrosome. Post-translational modifications: Diquitinated during G2/M phases. Phosphorylated by PLK1 at Ser-133 on centrosomes during prophase: phosphorylation site. Similarity: Belongs to the cyclin family. Cyclin AB subfamily. SWISS: P248600 Gene ID: 391 Database links: anter Gene. 2503Rat Dimin: 123836Human SwisProt. P14635Human
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	SwissProt: P24860Mouse
	SwissProt: P30277Rat
	Unigene: 23960Human
	Unigene: 260114 Mouse
	Unigene: 380027Mouse
	Unigene: 482545Mouse
	Unigene: 9232Rat
	Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications. 主要出现在G2期。Cyclin B是细胞周期调节必不可少的条件。 细胞周期素B1是细胞周期调节因子,它的异常表达将导致细胞周期发生紊乱,致使 Tumour形成.
Picture:	100 - Cyclin B1 48 - 25 - 20 17 - 17 - 17
	Sample:
	U937 Cell (Human) Lysate at 30 ug









Paraformaldehyde-fixed, paraffin embedded (Mouse small intestine); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Cyclin B1) Polyclonal Antibody, Unconjugated (SL0572R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Rat esophageal); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Cyclin B1) Polyclonal Antibody, Unconjugated (SL0572R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.





