10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

CCNB1 Antibody (N-term S9)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20407a

Product Information

Application	WB, E
Primary Accession	P14635
Reactivity	Human
Predicted	Mouse, Rat, Bovine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB42988
Calculated MW	48337
Antigen Region	1-30

Additional Information

Gene ID	891
Other Names	G2/mitotic-specific cyclin-B1, CCNB1, CCNB
Target/Specificity	This CCNB1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human CCNB1.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	CCNB1 Antibody (N-term S9) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	CCNB1
Synonyms	CCNB
Function	Essential for the control of the cell cycle at the G2/M (mitosis) transition (PubMed:27030811, PubMed:17495531, PubMed:17495533). Binds and

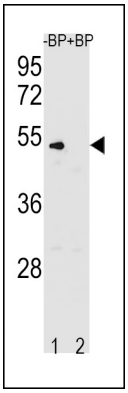
activates cyclin-dependent protein kinase CDK1/CDC2 (PubMed:41100585).

Cellular Location Cytoplasm. Nucleus. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome

Background

Essential for the control of the cell cycle at the G2/M (mitosis) transition.

Images



Western blot analysis of CCNB1 Antibody (N-term S9) Pab (Cat. #AP20407a) pre-incubated without(lane 1) and with(lane 2) blocking peptide in K562 cell line lysate. CCNB1 Antibody(arrow) was detected using the purified Pab.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.