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CCNB2 Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP2851c

Product Information

Application	WB, E
Primary Accession	O95067
Other Accession	Q4R7A8
Reactivity	Human, Mouse
Predicted	Monkey, Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB17553
Calculated MW	45282
Antigen Region	101-128

Additional Information

Gene ID	9133
Other Names	G2/mitotic-specific cyclin-B2, CCNB2
Target/Specificity	This CCNB2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 101-128 amino acids from the Central region of human CCNB2.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
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	CCNB2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	CCNB2
Function	Essential for the control of the cell cycle at the G2/M (mitosis) transition.

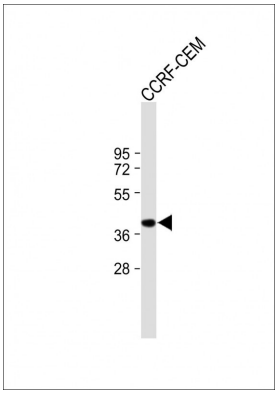
Background

Cyclin B2 is a member of the cyclin family, specifically the B-type cyclins. The B-type cyclins, B1 and B2, associate with p34cdc2 and are essential components of the cell cycle regulatory machinery. B1 and B2 differ in their subcellular localization. Cyclin B1 co-localizes with microtubules, whereas cyclin B2 is primarily associated with the Golgi region. Cyclin B2 also binds to transforming growth factor beta RII and thus cyclin B2/cdc2 may play a key role in transforming growth factor beta-mediated cell cycle control.

References

De Martino,I., Cancer Res. 69 (5), 1844-1850 (2009)
Bellanger,S., Oncogene 26 (51), 7175-7184 (2007)

Images



All lanes : Anti-CCNB2 Antibody (Center) at 1:1000 dilution Lane 1: CCRF-CEM whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size : 41kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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