

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
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/SpecificityThis 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.

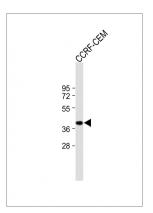
Background

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'.