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CCNB2 Antibody (Center)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP2851c

Specification

CCNB2 Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	O95067
Other Accession	Q4R7A8
Reactivity	**Human**
Predicted	**Monkey**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**45282**
Antigen Region	**101-128**

CCNB2 Antibody (Center) - 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 0.09% (W/V) sodium azide. 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.

CCNB2 Antibody (Center) - Protein Information

Name CCNB2

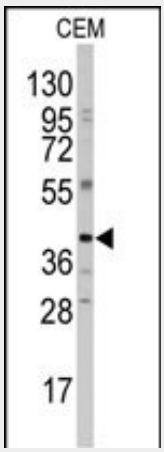
Function Essential for the control of the cell cycle at the G2/M (mitosis) transition.

CCNB2 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CCNB2 Antibody (Center) - Images



Western blot analysis of anti-CCNB2 Antibody (Center) (Cat.#AP2851c) in CEM cell line lysates (35ug/lane). CCNB2(arrow) was detected using the purified Pab.

CCNB2 Antibody (Center) - 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.

CCNB2 Antibody (Center) - References

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