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

CCNB2 Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP2851c

Specification

CCNB2 Antibody (Center) Blocking Peptide - Product Information

Primary Accession O95067

CCNB2 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 9133

Other Names
G2/mitotic-specific cyclin-B2, CCNB2

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP2851c was selected from the Center region of human CCNB2. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

CCNB2 Antibody (Center) Blocking Peptide - Protein Information

Name CCNB2

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

CCNB2 Antibody (Center) Blocking Peptide - Protocols

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

- Blocking Peptides

CCNB2 Antibody (Center) Blocking Peptide - Images

CCNB2 Antibody (Center) Blocking Peptide - Background

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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) Blocking Peptide - References

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