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Phospho-CCNB3(T280) Blocking Peptide

Synthetic peptide
Catalog # BP3841a

Specification

Phospho-CCNB3(T280) Blocking Peptide - Product Information

Primary Accession	Q8WWL7
Other Accession	NP_149020.2

Phospho-CCNB3(T280) Blocking Peptide - Additional Information

Gene ID 85417

Other Names
G2/mitotic-specific cyclin-B3, CCNB3, CYCB3

Target/Specificity
The synthetic peptide sequence is selected from aa 273-287 of HUMAN CCNB3

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.

Phospho-CCNB3(T280) Blocking Peptide - Protein Information

Name CCNB3

Synonyms CYCB3

Function
Cyclins are positive regulatory subunits of the cyclin- dependent kinases (CDKs), and thereby play an essential role in the control of the cell cycle, notably via their destruction during cell division. Its tissue specificity suggest that it may be required during early meiotic prophase I.

Cellular Location
Nucleus.

Tissue Location
Testis specific. In testis, it is expressed in developing germ cells, but not in Leydig cells. Weakly or not expressed in other tissues.

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Phospho-CCNB3(T280) Blocking Peptide - Protocols

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

- Blocking Peptides

Phospho-CCNB3(T280) Blocking Peptide - Images

Phospho-CCNB3(T280) Blocking Peptide - Background

The protein encoded by this gene belongs to the highly conserved cyclin family, whose members are characterized by a dramatic periodicity in protein abundance through the cell cycle. Cyclins function as regulators of CDK kinases. Different cyclins exhibit distinct expression and degradation patterns which contribute to the temporal coordination of each mitotic event. Studies of similar genes in chick and Drosophila suggest that this cyclin may associate with CDC2 and CDK2 kinases, and be required for proper spindle reorganization and restoration of the interphase nucleus. Two transcript variants encoding different isoforms have been found for this gene.

Phospho-CCNB3(T280) Blocking Peptide - References

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