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Mouse CCNB2 Blocking Peptide (C-term T359)

Synthetic peptide
Catalog # BP20012b

Specification

Mouse CCNB2 Blocking Peptide (C-term T359) - Product Information

Primary Accession	P30276
Other Accession	NP_031656.2

Mouse CCNB2 Blocking Peptide (C-term T359) - Additional Information

Gene ID 12442

Other Names
G2/mitotic-specific cyclin-B2, Ccnb2, Cycb2

Target/Specificity
The synthetic peptide sequence is selected from aa 353-366 of MOUSE Ccnb2

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.

Mouse CCNB2 Blocking Peptide (C-term T359) - Protein Information

Name Ccnb2

Synonyms Cycb2

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

Mouse CCNB2 Blocking Peptide (C-term T359) - 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.

Mouse CCNB2 Blocking Peptide (C-term T359) - References

Risley, M.D., et al. Dev. Biol.
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De Martino, I., et al. Cancer Res.
69(5):1844-1850(2009)
Kawaguchi, A., et al. Development
135(18):3113-3124(2008)
Fogel, J.L., et al. Dev. Dyn.
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Mouse CCNB2 Blocking Peptide (C-term T359) - Protocols

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

- Blocking Peptides