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Mouse CCNB2 Blocking Peptide (C-term S392)

Synthetic peptide
Catalog # BP20011b

Specification

Mouse CCNB2 Blocking Peptide (C-term S392) - Product Information

Primary Accession	P30276
Other Accession	NP_031656.2

Mouse CCNB2 Blocking Peptide (C-term S392) - Additional Information

Gene ID 12442

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

Target/Specificity
The synthetic peptide sequence is selected from aa 385-398 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 S392) - 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 S392) - Protocols

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

- Blocking Peptides

Mouse CCNB2 Blocking Peptide (C-term S392) - Images

Mouse CCNB2 Blocking Peptide (C-term S392) - 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.

Mouse CCNB2 Blocking Peptide (C-term S392) - References

Risley, M.D., et al. Dev. Biol. 342(2):146-156(2010)
Wu, T., et al. J. Biol. Chem. 285(24):18291-18300(2010)
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. 237(5):1359-1372(2008)