

CCNC Antibody (N-term) Blocking peptide

Synthetic peptide Catalog # BP11208a

Specification

CCNC Antibody (N-term) Blocking peptide - Product Information

Primary Accession P24863

CCNC Antibody (N-term) Blocking peptide - Additional Information

Gene ID 892

Other Names

Cyclin-C, SRB11 homolog, hSRB11, CCNC

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.

CCNC Antibody (N-term) Blocking peptide - Protein Information

Name CCNC

Function

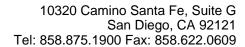
Component of the Mediator complex, a coactivator involved in regulated gene transcription of nearly all RNA polymerase II-dependent genes. Mediator functions as a bridge to convey information from genespecific regulatory proteins to the basal RNA polymerase II transcription machinery. Mediator is recruited to promoters by direct interactions with regulatory proteins and serves as a scaffold for the assembly of a functional preinitiation complex with RNA

CCNC Antibody (N-term) Blocking peptide - Background

The protein encoded by this gene is a member of the cyclinfamily of proteins. The encoded protein interacts withcyclin-dependent kinase 8 and induces the phophorylation of thecarboxy-terminal domain of the large subunit of RNA polymerase II. The level of mRNAs for this gene peaks in the G1 phase of the cellcycle. Two transcript variants encoding different isoforms havebeen found for this gene.

CCNC Antibody (N-term) Blocking peptide - References

Miyata, Y., et al. Stem Cells 28(2):308-317(2010)Makkonen, K.M., et al. J. Mol. Biol. 393(2):261-271(2009)Matsuoka, S., et al. Science 316(5828):1160-1166(2007)Katona, R.L., et al. Acta. Biol. Hung. 58(1):133-137(2007)Lamesch, P., et al. Genomics 89(3):307-315(2007)





polymerase II and the general transcription factors. Binds to and activates cyclindependent kinase CDK8 that phosphorylates the CTD (C-terminal domain) of the large subunit of RNA polymerase II (RNAp II), which may inhibit the formation of a transcription initiation complex.

Cellular Location Nucleus.

Tissue Location

Highest levels in pancreas. High levels in heart, liver, skeletal muscle and kidney. Low levels in brain

CCNC Antibody (N-term) Blocking peptide - Protocols

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

• Blocking Peptides