

CCNC Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP11208a**Specification**

CCNC Antibody (N-term) Blocking peptide - Product InformationPrimary 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 gene-specific 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 polymerase II and the general transcription factors. Binds to and activates cyclin-dependent 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](#)

CCNC Antibody (N-term) Blocking peptide - Images

CCNC Antibody (N-term) Blocking peptide - Background

The protein encoded by this gene is a member of the cyclin family of proteins. The encoded protein interacts with cyclin-dependent kinase 8 and induces the phosphorylation of the carboxy-terminal domain of the large subunit of RNA polymerase II. The level of mRNAs for this gene peaks in the G1 phase of the cell cycle. Two transcript variants encoding different isoforms have been 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)