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Cyclin C (CCNC) Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP7835b

Specification

Cyclin C (CCNC) Antibody (C-term) Blocking peptide - Product Information

Primary Accession P24863

Cyclin C (CCNC) Antibody (C-term) Blocking peptide - Additional Information

Gene ID 892

Other Names
Cyclin-C, SRB11 homolog, hSRB11, CCNC

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP7835b was selected from the C-term region of human CCNC. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

Cyclin C (CCNC) Antibody (C-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

Cyclin C (CCNC) Antibody (C-term) Blocking peptide - Protocols

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

- Blocking Peptides

Cyclin C (CCNC) Antibody (C-term) Blocking peptide - Images

Cyclin C (CCNC) Antibody (C-term) Blocking peptide - Background

CCNC is a member of the cyclin family of proteins. This protein interacts with cyclin-dependent kinase 8 and induces the phophorylation of the carboxy-terminal domain of the large subunit of RNA polymerase II.

Cyclin C (CCNC) Antibody (C-term) Blocking peptide - References

Katona,R.L., Acta. Biol. Hung. 58 (1), 133-137 (2007)Ohata,N., Int. J. Mol. Med. 18 (6), 1153-1158 (2006)Sinkkonen,L., Nucleic Acids Res. 33 (8), 2440-2451 (2005)