

Cyclin C (CCNC) Antibody (C-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP7835b**Specification**

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

Application	WB,E
Primary Accession	P24863
Other Accession	Q4KLA0 , P39947 , Q62447 , P55168 , Q3ZCK5
Reactivity	Human
Predicted	Bovine, Chicken, Mouse, Rat, Xenopus
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	33243
Antigen Region	221-249

Cyclin C (CCNC) Antibody (C-term) - Additional Information**Gene ID** 892**Other Names**

Cyclin-C, SRB11 homolog, hSRB11, CCNC

Target/Specificity

This Cyclin C (CCNC) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 221-249 amino acids from the C-terminal region of human Cyclin C (CCNC).

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Cyclin C (CCNC) Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Cyclin C (CCNC) Antibody (C-term) - 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

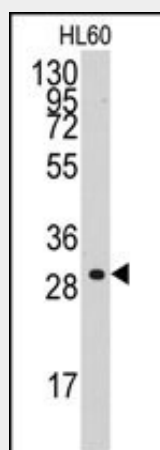
Highest levels in pancreas. High levels in heart, liver, skeletal muscle and kidney. Low levels in brain

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

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

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



Western blot analysis of anti-CCNC Antibody (C-term) (Cat.#AP7835b) in HL60 cell line lysates (35ug/lane). CCNC(arrow) was detected using the purified Pab.

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

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

Cyclin C (CCNC) Antibody (C-term) - 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)