

Rabbit anti-Human CCNC Polyclonal Antibody | anti-CCNC antibody

CCNC Antibody (N-term)

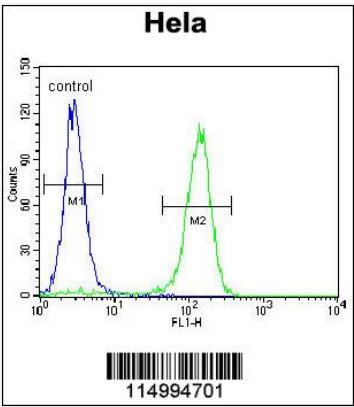
CATALOG # AAA290394	HOST Rabbit	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay, ELISA, Western Blot
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PRODUCT SYNONYMS

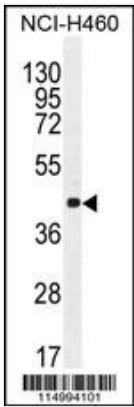
CCNC; Polyclonal Antibody; CCNC Antibody (N-term); Cyclin-C; SRB11 homolog; hSRB11; anti-CCNC antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CCNC antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human CCNC.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	1-30
Sequence Length	198
Applicable Applications for anti-CCNC antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
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 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 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.
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
CCNC Antibody (N-term) flow cytometric analysis of HeLa cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
CCNC Antibody (N-term) western blot analysis in NCI-H460 cell line lysates (35ug/lane). This demonstrates the CCNC antibody detected the CCNC protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-CCNC antibody	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.
Product Categories/Family for anti-CCNC antibody	Cell Biology
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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	61676093
NCBI GeneID	892
NCBI Accession #	NP_001013417.1; NP_005181.2
NCBI GenBank Nucleotide #	NM_001013399.1
UniProt Accession #	P24863; Q9H543; B4DPZ1
NCBI Official Full Name	cyclin-C isoform b
NCBI Official Synonym Full Names	cyclin C
NCBI Official Symbol	CCNC
NCBI Official Synonym Symbols	CycC
NCBI Protein Information	cyclin-C
UniProt Protein Name	Cyclin-C
UniProt Gene Name	CCNC

UniProt Synonym Gene Names	hSRB11
UniProt Entry Name	CCNC_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ccnc-antibody-flow-cytometry-western-blot-elisa/290394>