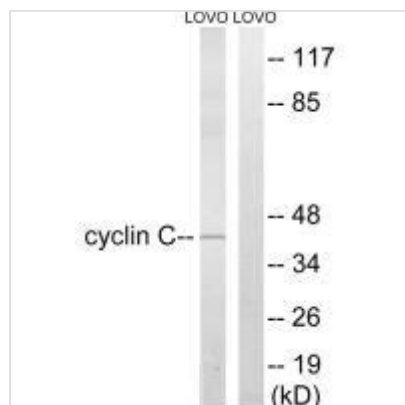




CCNC (Ab-275) Antibody

Product Code	CSB-PA182650
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P24863
Immunogen	Synthesized non-phosphopeptide derived from Human Cyclin C around the phosphorylation site of serine 275 (N-G-S(p)-Q-N).
Raised In	Rabbit
Species Reactivity	Human, Mouse
Specificity	The antibody detects endogenous levels of total Cyclin C protein.
Tested Applications	ELISA, WB; WB: 1:500-1:3000
Relevance	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. Lew D.J., Cell 66:1197-1206(1991). Li H., Genomics 32:253-259(1996). Mungall A.J., Nature 425:805-811(2003).
Form	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Alias	The antiserum was produced against synthesized peptide derived from human Cyclin C.;
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	CCNC
Image	



Western blot analysis of extracts from LOVO cells, using Cyclin C (Ab-275) antibody.