-online.com antibodies

Datasheet for ABIN7179998 anti-Cyclin C antibody (Ser275)

Image



Overview

Quantity:	100 µL
Target:	Cyclin C (CCNC)
Binding Specificity:	Ser275
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cyclin C antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Synthesized non-phosphopeptide derived from Human Cyclin C around the phosphorylation site of serine 275 (N-G-S(p)-Q-N).
lsotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

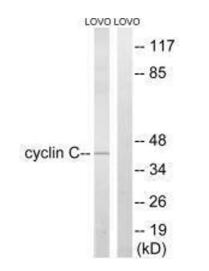
Target Details

Target:	Cyclin C (CCNC)
Alternative Name:	CCNC (CCNC Products)

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Target Details	
Background:	Background: 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). Aliases: ccnc antibody, CCNC_HUMAN antibody, CycC antibody, Cyclin C antibody, Cyclin-C antibody, hSRB11 antibody, OTTHUMP00000016897 antibody, SRB11 homolog antibody
UniProt:	P24863
Pathways:	Cell Division Cycle, Regulation of Lipid Metabolism by PPARalpha
Application Details	
Application Notes:	WB:1:500-1:3000,
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

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Western Blo	tting
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Image 1. Western blot analysis of extracts from LOVO cells, using Cyclin C (Ab-275) antibody.

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