

## **Cyclin C Polyclonal Antibody**

Catalog No: YT1171

**Reactivity:** Human; Mouse; Rat

**Applications:** WB;ELISA

Target: Cyclin C

Gene Name: CCNC

Protein Name: Cyclin-C

P24863

Q62447

Human Gene Id: 892

**Human Swiss Prot** 

No:

Mouse Gene ld: 51813

**Mouse Swiss Prot** 

No:

Rat Swiss Prot No: P39947

**Immunogen:** The antiserum was produced against synthesized peptide derived from human

Cyclin C. AA range:234-283

**Specificity:** Cyclin C Polyclonal Antibody detects endogenous levels of Cyclin C protein.

**Formulation :** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

**Dilution:** WB 1:500 - 1:2000. ELISA: 1:5000. Not yet tested in other applications.

**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

1/2



Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band: 33-37kD

**Background :** 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 phophorylation 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. [provided by RefSeq, Jul 2008],

**Function:** 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.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the cyclin family.,similarity:Belongs to the cyclin family.

Cyclin C subf

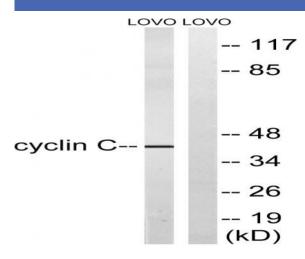
Subcellular Location :

Nucleus.

**Expression:** 

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

## **Products Images**



Western blot analysis of lysates from LOVO cells, using Cyclin C Antibody. The lane on the right is blocked with the synthesized peptide.