
Cyclin C Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 250619

Unit: 0.1 mg

Description:

Cyclin-C (CCNC) forms the CDK8 module with CDK8, MED12, MED13, which decreases transcriptional activation when combined with the Mediator complex. The Mediator complex is a large protein complex composed of almost 30 different MED proteins that regulates transcription of nearly all RNA polymerase II (RNAPII)-dependent genes, conveying information from gene-specific regulatory proteins. Mediator serves as a scaffold for the assembly of the functional preinitiation complex that includes RNAPII. Cyclin-C-bound CDK8 phosphorylates the C-terminal domain of the large subunit of RNAPII, inhibiting the formation of a transcription initiation complex. Cyclin-C is phosphorylated upon DNA damage, probably by ATM or ATR.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: H, M, R, B, D, Ck

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Cyclin-C; Cyclin C; SRB11; CCNC

Accession No.: P24863

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Cyclin C.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.