
Cyclin O (N-term) Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 253634

Unit: 0.1 mg

Description:

Cyclin O (CCNO) has recently been identified as a Cdk1- and Cdk2-activating cyclin specific to apoptosis in lymphoid cells. Cyclin O binds to and activates Cdk2 in response to intrinsic apoptotic stimuli such as glucocorticoids or DNA-damaging agents. Suppression of Cyclin O expression by shRNA leads to the inhibition of glucocorticoid and DNA-damage-induced apoptosis due to a failure of apical caspase activation while leaving the CD95 death receptor-mediated apoptosis intact. This protein was previously called UNG2 after being erroneously identified as a uracil DNA glycolase, but later identified as a cyclin protein family member. This antibody binds to the two isoforms of Cyclin O.

Isotype: Rabbit Ig

Applications: E, WB

Species Reactivity: H, M, R

Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: Cyclin O; CCNO; cyclin-O

Accession No.: NP_066970

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human Cyclin O.

Application Notes: E: 1:500-1:1,000; WB: 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.