BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Cyclin O CCNO Antibody

Catalog Number: A05899

About CCNO

Cyclin O, also known as 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 instrinsic apoptotic stimuli such as glucocorticoids or DNA-damaging agents. Supression 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. Note: this gene, which had a previous symbol of UNG2, was erroneously identified as a uracil DNA glycosylase. A later publication identified this gene's product as a cyclin protein family member.

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Overview

Product Name	Anti-Cyclin O CCNO Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Cyclin O CCNO Antibody (Catalog # A05899). Tested in ELISA, WB applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, WB
Clonality	Polyclonal
Formulation	Cyclin O Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	Cyclin O antibody can be stored at 4°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	P22674

Technical Details

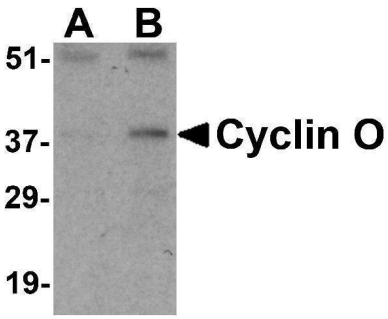
Immunogen	Cyclin O antibody was raised against a 14 amino acid synthetic peptide from near the amino terminus of human Cyclin O. The immunogen is located within the first 50 amino acids of Cyclin O.
Predicted Reactive Species	Rabbit
Cross Reactivity	At least two isoforms of Cyclin O are known to exist; this antibody will recognize both isoforms.

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Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	Cyclin O Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	Cyclin O antibody can be used for the detection of Cyclin O by Western blot at 1 - 2 ug/mL. Antibody validated: Western Blot in mouse samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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Anti-Cyclin O CCNO Antibody (A05899) Images



Western blot analysis of Cyclin O in mouse bladder tissue lysate with Cyclin O antibody at (A) 1 and (B) 2 ug/mL.

Anti-Cyclin O CCNO Antibody

For Research Use Only. Not for use in diagnostic procedures.