

### **CCNO Antibody (N-term)**

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP16062a

### Specification

# **CCNO Antibody (N-term) - Product Information**

WB,E
<u>P22674</u>
<u>NP_066970.3</u>
Human
Rabbit
Polyclonal
Rabbit IgG
38096
1-30

## **CCNO Antibody (N-term) - Additional Information**

Gene ID 10309

**Other Names** Cyclin-O, CCNO

Target/Specificity

This CCNO antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human CCNO.

**Dilution** WB~~1:1000 E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

CCNO Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

## **CCNO Antibody (N-term) - Protein Information**

Name CCNO (HGNC:18576)

Function Specifically required for generation of multiciliated cells, possibly by promoting a cell



cycle state compatible with centriole amplification and maturation. Acts downstream of MCIDAS to promote mother centriole amplification and maturation in preparation for apical docking.

**Cellular Location** 

Cytoplasm. Nucleus, nucleolus Note=Localizes to the apical part of cytoplasm

**Tissue Location** Present in respiratory cells (at protein level).

## CCNO Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

#### **CCNO Antibody (N-term) - Images**



CCNO Antibody (N-term) (Cat. #AP16062a) western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the CCNO antibody detected the CCNO protein (arrow).

## **CCNO Antibody (N-term) - Background**

This gene, which has a previous symbol of UNG2, was erroneously identified as a uracil DNA glycosylase in PubMed ID: 2001396. A later publication, PubMed ID: 8419333, identified this gene's product as a cyclin protein family member. The UNG2 term is also used as a specific protein isoform name for the UNG gene (GeneID 7374), so confusion exists in the scientific literature and in some databases for these two genes.

### **CCNO Antibody (N-term) - References**

Schmutz, J., et al. Nature 431(7006):268-274(2004)



Muller, S.J., et al. J. Biol. Chem. 268(2):1310-1319(1993) Muller, S.J., et al. Biochim. Biophys. Acta 1088(2):197-207(1991)