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CCNO Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16062a

Specification

CCNO Antibody (N-term) - Product Information

Application	**WB,E**
Primary Accession	P22674
Other Accession	NP_066970.3
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**38096**
Antigen Region	**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

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

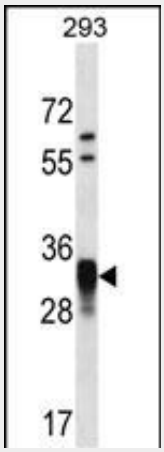
Tissue Location
Present in respiratory cells (at protein level).

CCNO Antibody (N-term) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

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)