

### **CDCA3 Antibody (N-term)**

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP6614a

## **Specification**

### CDCA3 Antibody (N-term) - Product Information

Application WB, IHC-P, FC,E

Primary Accession <u>Q99618</u>

Reactivity Human, Mouse

Host Rabbit
Clonality Polyclonal
Isotype Rabbit IgG
Calculated MW 28998
Antigen Region 41-69

#### CDCA3 Antibody (N-term) - Additional Information

#### **Gene ID 83461**

#### **Other Names**

Cell division cycle-associated protein 3, Gene-rich cluster protein C8, Trigger of mitotic entry protein 1, TOME-1, CDCA3, C8, GRCC8, TOME1

#### Target/Specificity

This CDCA3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 41-69 amino acids from the N-terminal region of human CDCA3.

# **Dilution**

WB~~1:1000 IHC-P~~1:50~100 FC~~1:10~50

E~~Use at an assay dependent concentration.

#### **Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

#### **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**

CDCA3 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

#### CDCA3 Antibody (N-term) - Protein Information

### Name CDCA3



# Synonyms C8, GRCC8, TOME1

**Function** F-box-like protein which is required for entry into mitosis. Acts by participating in E3 ligase complexes that mediate the ubiquitination and degradation of WEE1 kinase at G2/M phase (By similarity).

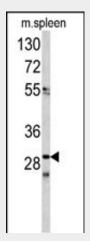
Cellular Location Cytoplasm, cytosol.

# CDCA3 Antibody (N-term) - Protocols

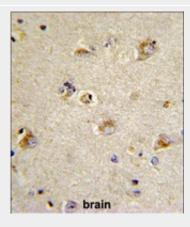
Provided below are standard protocols that you may find useful for product applications.

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

#### CDCA3 Antibody (N-term) - Images

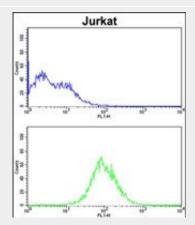


Western blot analysis of CDCA3 antibody (N-term) (Cat. #AP6614a) in mouse spleen tissue lysates(35ug/lane). CDCA3 (arrow) was detected using the purified Pab.





Formalin-fixed and paraffin-embedded human brain tissue reacted with CDCA3 Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



CDCA3 Antibody (N-term) (Cat. #AP6614a) flow cytometric analysis of Jurkat cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

## CDCA3 Antibody (N-term) - Background

CDCA3 is a F-box-like protein which is required for entry into mitosis. It acts by participating to E3 ligase complexes that mediate the ubiquitination and degradation of WEE1 kinase at G2/M phase.

## CDCA3 Antibody (N-term) - References

Daub H., Mol. Cell 31:438-448(2008)