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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	Q99618
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

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

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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).

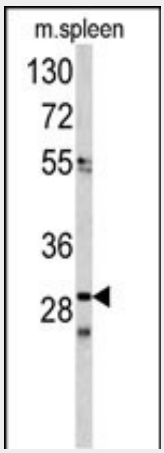
Cellular Location
Cytoplasm, cytosol.

CDCA3 Antibody (N-term) - Protocols

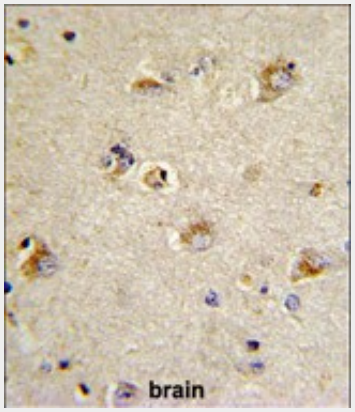
Provided below are standard protocols that you may find useful for product applications.

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

CDCA3 Antibody (N-term) - Images

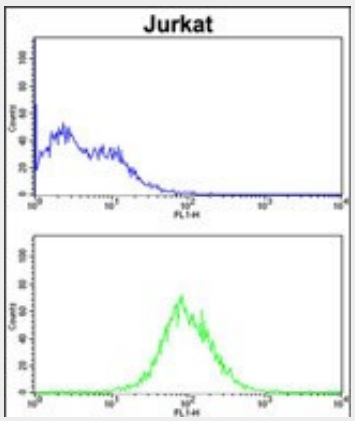


Western blot analysis of CDCA3 antibody (N-term) (Cat. #AP6614a) in mouse spleen tissue lysates(35ug/lane). CDCA3 (arrow) was detected using the purified Pab.



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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)