

Rabbit anti-Human, mouse CDCA3 Polyclonal Antibody | anti-CDCA3 antibody

CDCA3 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288549	Rabbit	Human, mouse	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

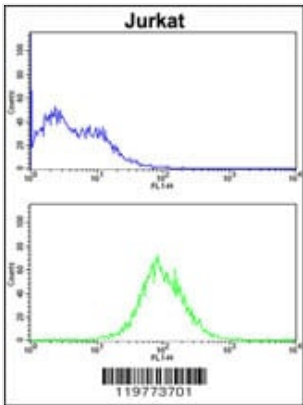
PRODUCT SYNONYMS

CDCA3; Polyclonal Antibody; CDCA3 Antibody (N-term); Cell division cycle-associated protein 3; Gene-rich cluster protein C8; Trigger of mitotic entry protein 1; TOME-1; C8; GRCC8; TOME1; anti-CDCA3 antibody

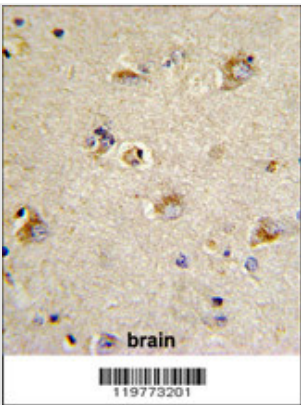
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
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.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	41-69
Sequence Length	268
Applicable Applications for anti-CDCA3 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

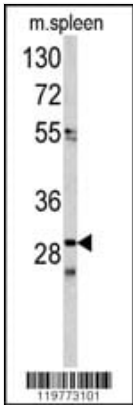
IMAGES



FCM/FACS (Flow Cytometry)
CDCA3 Antibody (N-term) 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.



IHC (Immunohistochemistry)
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.



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

ADDITIONAL INFORMATION

Related Product Information for anti-CDCA3 antibody	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.
Product Categories/Family for anti-CDCA3 antibody	Cell Biology
References	Daub H., Mol. Cell 31:438-448(2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	13876384
NCBI GeneID	83461
NCBI Accession #	NP_112589.1
NCBI GenBank Nucleotide #	NM_031299.5
UniProt Accession #	Q99618; A8K5V6; D3DUS6
Molecular Weight	28998
NCBI Official Full Name	cell division cycle-associated protein 3 isoform 1

NCBI Official Synonym Full Names	cell division cycle associated 3
NCBI Official Symbol	CDCA3
NCBI Official Synonym Symbols	GRCC8; TOME-1
NCBI Protein Information	cell division cycle-associated protein 3
UniProt Protein Name	Cell division cycle-associated protein 3
UniProt Gene Name	CDCA3
UniProt Synonym Gene Names	C8; GRCC8; TOME1; TOME-1
UniProt Entry Name	CDCA3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cdca3-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/288549>