

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

Anti-CDCA3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA105394	Rabbit	Human	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of CDCA3 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	243
Applicable Applications for anti-CDCA3 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human CDCA3. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



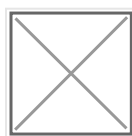
IF (Immunofluorescence)

Immunofluorescent analysis of CDCA3 staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



IHC (Immunohistochemistry)

Immunohistochemical analysis of CDCA3 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of CDCA3 expression in MCF7 (A), Caco2 (B), HepG2 (C) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-CDCA3 antibody	Rabbit polyclonal antibody to CDCA3
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NCBI AND UNIPROT INFORMATION

NCBI GI #	662236832
NCBI GeneID	83461
NCBI Accession #	NP_001284531.1
NCBI GenBank Nucleotide #	NM_001297602.1
UniProt Accession #	Q99618; A8K5V6; D3DUS6
Molecular Weight	28,998 Da
NCBI Official Full Name	cell division cycle-associated protein 3 isoform 2
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; gene rich cluster, C8; trigger of mitotic entry 1; gene-rich cluster protein C8; trigger of mitotic entry protein 1
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/cdca3-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/105394>