

Rabbit CDCA3 Polyclonal Antibody | anti-CDCA3 antibody

CDCA3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324233	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

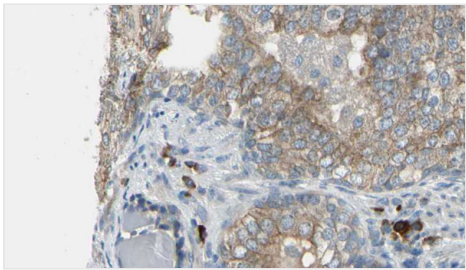
PRODUCT SYNONYMS

CDCA3; Polyclonal Antibody; CDCA3 Antibody; C8; CDCA 3; Cell division cycle associated 3; Cell division cycle associated protein 3; Gene rich cluster C8; Gene rich cluster protein C8; GRCC 8; GRCC8; MGC2577; TOME 1; TOME1; Trigger of mitotic entry 1; Trigger of mitotic entry protein 1; anti-CDCA3 antibody

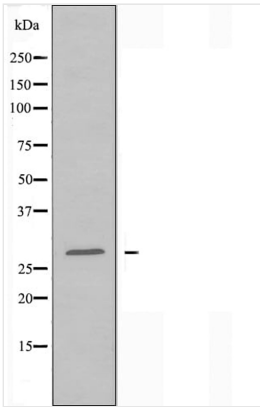
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	CDCA3 antibody detects endogenous levels of total CDCA3
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	219
Applicable Applications for anti-CDCA3 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cytoplasmic. Cytosol.
Predicted Cross Reactivity	Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Bovine (82%), Horse (100%), Sheep (91%), Rabbit (100%), Dog (82%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

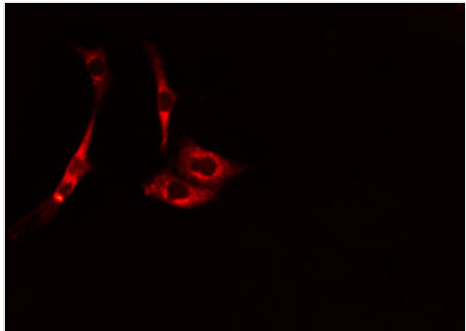
IMAGES



IHC (Immunohistochemisry)
AAA324233 at 1/100 staining Human prostate tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of extracts from HepG2 cells, using CDCA3 antibody.



IF (Immunofluorescence)
AAA324233 staining HepG2 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CDCA3 antibody	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). Subunit Structure: Interacts with SKP1. Part of a SCF (SKP1-cullin-F-box) protein ligase complex (By similarity). Post-translational Modifications: Ubiquitinated and degraded by the APC/C-Cdh1 complex. Similarity: The KEN box is required for the association with the APC/C-Cdh1 complex.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	662236834
NCBI GeneID	83461
NCBI Accession #	NP_001284532.1
NCBI GenBank Nucleotide #	NM_001297603.2
UniProt Accession #	Q99618; A8K5V6; D3DUS6
Molecular Weight	Observed: 28 kD Predicted: 29 kDa
NCBI Official Full Name	cell division cycle-associated protein 3 isoform 3
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

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/324233>