



Datasheet for ABIN872629
anti-CDCA3 antibody (AA 201-268)



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1 Publication

Overview

Quantity:	100 µL
Target:	CDCA3
Binding Specificity:	AA 201-268
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDCA3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CDCA3
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human,Mouse
Purification:	Purified by Protein A.

Target Details

Target:	CDCA3
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Target Details

Alternative Name: CDCA3 ([CDCA3 Products](#))

Background: Synonyms: 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, C8 antibody, Trigger of mitotic entry protein 1, CDCA3_HUMAN .
Background: CDCA3 (Cell division cycle associated 3) is an F-box-like protein which is required for entry into mitosis. It is associated with SKP1 as part of a SCF (SKP1-cullin-F-box) protein ligase complex, and is required for the ubiquitination and degradation of the CDK1 inhibitory tyrosine kinase WEE1 at G2/M phase.

Gene ID: 83461

Application Details

Application Notes: WB 1:300-5000
ELISA 1:500-1000
IHC-P 1:200-400
IHC-F 1:100-500
IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months

Product cited in: Wang, Wei, Xiao, Xue, Du, Liu, Xie: "Methamphetamine induces hepatotoxicity via inhibiting cell division, arresting cell cycle and activating apoptosis: In vivo and in vitro studies." in: **Food and chemical toxicology : an international journal published for the British Industrial Biological Research Association**, Vol. 105, pp. 61-72, (2017) ([PubMed](#)).