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Datasheet for ABIN889650  
**anti-CDCA2 antibody (AA 361-450) (Biotin)**

### Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µL   |
| Target:              | CDCA2  |
| Binding Specificity: | AA 361-450   |
| Reactivity:          | Human, Mouse   |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This CDCA2 antibody is conjugated to Biotin  |
| Application:         | Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)),<br>Immunohistochemistry (Frozen Sections) (IHC (fro)) |

### Product Details

|                       |   |
|-----------------------|---|
| Immunogen:            | KLH conjugated synthetic peptide derived from human CDCA2 |
| Isotype:              | IgG   |
| Cross-Reactivity:     | Human, Mouse  |
| Predicted Reactivity: | Rat,Dog,Pig,Horse,Rabbit                                  |
| Purification:         | Purified by Protein A.                                    |

### Target Details

|                   |  |
|-------------------|--|
| Target:           | CDCA2                                    |
| Alternative Name: | CDCA2 ( <a href="#">CDCA2 Products</a> ) |

## Target Details

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Background: Synonyms: PPP1R81, Repo-Man, Cell division cycle-associated protein 2, Recruits PP1 onto mitotic chromatin at anaphase protein, CDCA2

Background: Regulator of chromosome structure during mitosis required for condensin-depleted chromosomes to retain their compact architecture through anaphase. Acts by mediating the recruitment of phosphatase PP1-gamma subunit (PPP1CC) to chromatin at anaphase and into the following interphase. At anaphase onset, its association with chromatin targets a pool of PPP1CC to dephosphorylate substrates.

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Gene ID: 157313

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UniProt: [Q69YH5](#)

## Application Details

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Application Notes: WB 1:300-5000  
IHC-P 1:200-400  
IHC-F 1:100-500

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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

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Storage: -20 °C

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Storage Comment: Store at -20°C for 12 months.

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Expiry Date: 12 months