

Datasheet for ABIN2773971  
**anti-CDCA4 antibody (N-Term)**



[Go to Product page](#)

1 Image

## Overview

|                      |                                                                    |
|----------------------|--------------------------------------------------------------------|
| Quantity:            | 100 µL                                                             |
| Target:              | CDCA4                                                              |
| Binding Specificity: | N-Term                                                             |
| Reactivity:          | Human, Mouse, Rat, Dog, Guinea Pig, Horse, Zebrafish (Danio rerio) |
| Host:                | Rabbit                                                             |
| Clonality:           | Polyclonal                                                         |
| Conjugate:           | This CDCA4 antibody is un-conjugated                               |
| Application:         | Western Blotting (WB)                                              |

## Product Details

|                       |                                                                                                                                 |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:            | The immunogen is a synthetic peptide directed towards the N terminal region of human CDCA4                                      |
| Sequence:             | MFARGLKRRKC VGHEEDVEGA LAGLKTVSSY SLQRQSLLDM SLVKLQLCHM                                                                         |
| Predicted Reactivity: | Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 92%, Rat: 92%, Zebrafish: 100%                                    |
| Characteristics:      | This is a rabbit polyclonal antibody against CDCA4. It was validated on Western Blot using a cell lysate as a positive control. |
| Purification:         | Protein A purified                                                                                                              |

## Target Details

|         |       |
|---------|-------|
| Target: | CDCA4 |
|---------|-------|

## Target Details

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
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| Alternative Name: | CDCA4 ( <a href="#">CDCA4 Products</a> )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Background:       | <p>The function of this gene is not known, but its existence is supported by mRNAs and EST data. A similar gene in mice was found to be expressed preferentially in hematopoietic progenitors and mature blood cells. The function of this gene is not known, but its existence is supported by mRNAs and EST data. A similar gene in mice was found to be expressed preferentially in hematopoietic progenitors and mature blood cells. Two alternatively spliced transcript variants encoding the same protein have been noted for this gene.</p> <p>Alias Symbols: FLJ20764, HEPP, MGC19517, SEI-3/HEPP</p> <p>Protein Interaction Partner: SUV39H2, PRMT6, KDM1A, SUV39H1, ELAVL1, UBC, PPP2R2C, PPP2R2B, PPP2R2A, TRIM28, SUPT7L, KAT2B, XPO1,</p> <p>Protein Size: 241</p> |
| Molecular Weight: | 26 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Gene ID:          | 55038                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| NCBI Accession:   | <a href="#">NM_017955</a> , <a href="#">NP_060425</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| UniProt:          | <a href="#">Q9BXL8</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

## Application Details

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|--------------------|------------------------------------------------------------------------------------|
| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
| Comment:           | Antigen size: 241 AA                                                               |
| Restrictions:      | For Research Use only                                                              |

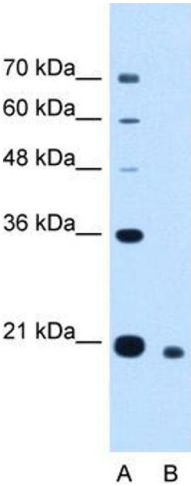
## Handling

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                 |
| Concentration:     | Lot specific                                                                                                           |
| Buffer:            | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.                    |
| Preservative:      | Sodium azide                                                                                                           |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice:   | Avoid repeated freeze-thaw cycles.                                                                                     |

Handling

|                  |                                                                                                                                         |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Storage:         | -20 °C                                                                                                                                  |
| Storage Comment: | For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles. |

Images



Western Blotting

**Image 1.** WB Suggested Anti-CDCA4 Antibody Titration: 2.5ug/ml Positive Control: HepG2 cell lysate CDCA4 is supported by BioGPS gene expression data to be expressed in HepG2