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Datasheet for ABIN4999741

## anti-CDCA8 antibody (AA 20-120) (AbBy Fluor® 680)

### Overview

|                      |   |
|----------------------|---|
| Quantity:            | 100 µL  |
| Target:              | CDCA8   |
| Binding Specificity: | AA 20-120   |
| Reactivity:          | Human   |
| Host:                | Rabbit  |
| Clonality:           | Polyclonal  |
| Conjugate:           | This CDCA8 antibody is conjugated to AbBy Fluor® 680  |
| Application:         | Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

### Product Details

|                       |  |
|-----------------------|--|
| Immunogen:            | KLH conjugated synthetic peptide derived from human Borealin/CDCA8 |
| Isotype:              | IgG  |
| Cross-Reactivity:     | Human  |
| Predicted Reactivity: | Mouse,Rat,Cow,Horse,Bee,Rabbit                                     |
| Purification:         | Purified by Protein A.   |

### Target Details

|                   |  |
|-------------------|--|
| Target:           | CDCA8                                    |
| Alternative Name: | CDCA8 ( <a href="#">CDCA8 Products</a> ) |

## Target Details

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|             |  |
|-------------|--|
| Background: | <p>Synonyms: BOR, BOREA_HUMAN, Borealin, CDCA8, Cell division cycle associated 8, Cell division cycle-associated protein 8, Dasra B, Dasra-B, DasraB, FLJ10468, FLJ12042, hDasra-B, MESRGP, OTTHUMP00000004514, Pluripotent embryonic stem cell-related gene 3 protein.</p> <p>Background: Component of the chromosomal passenger complex (CPC), a complex that acts as a key regulator of mitosis. The CPC complex has essential functions at the centromere in ensuring correct chromosome alignment and segregation and is required for chromatin-induced microtubule stabilization and spindle assembly. In the complex, it may be required to direct the CPC to centromeric DNA. Major effector of the TTK kinase in the control of attachment-error-correction and chromosome alignment.</p> |
| Gene ID:    | 55143  |
| Pathways:   | <a href="#">Cell Division Cycle, M Phase</a>   |

## Application Details

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|                    |   |
|--------------------|---|
| Application Notes: | <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p> |
| Restrictions:      | For Research Use only   |

## Handling

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|                    |  |
|--------------------|--|
| Format:            | Liquid   |
| Concentration:     | 1 µg/µL  |
| Buffer:            | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % 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:           | -20 °C   |
| Storage Comment:   | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.                                  |
| Expiry Date:       | 12 months  |