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Datasheet for ABIN872649  
**anti-CDCA8 antibody (AA 20-120)**

## Overview

Quantity:	100 µL
Target:	CDCA8
Binding Specificity:	AA 20-120
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDCA8 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

## 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
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## Target Details

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

Application Notes:	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.

## Handling

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Expiry Date: 12 months