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Datasheet for ABIN885406

anti-CDCA8 antibody (AA 20-120) (Alexa Fluor 488)

Overview

Quantity:	100 µL
Target:	CDCA8
Binding Specificity:	AA 20-120
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDCA8 antibody is conjugated to Alexa Fluor 488
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 (CDCA8 Products)

Target Details

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:	Cell Division Cycle, M Phase

Application Details

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

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