

Rabbit CDCA8 Polyclonal Antibody | anti-CDCA8 antibody

CDCA8 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA307129	Rabbit	Human, Mouse, Rat	Immunofluorescence, Western Blot, ELISA

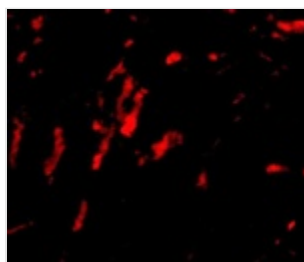
PRODUCT SYNONYMS

CDCA8; Polyclonal Antibody; CDCA8 Antibody; Cell division cycle associated 8; Borealin; pluripotent embryonic stem cell-related gene 3 protein; DASRAB; anti-CDCA8 antibody

PRODUCT SPECIFICATIONS

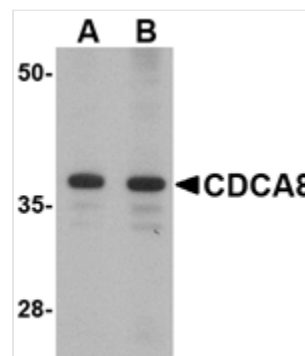
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	280
Applicable Applications for anti-CDCA8 antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 19 amino acid peptide near the amino terminus of the human CDCA8.
Target Name	CDCA8
Preparation and Storage	Can be stored at -20 degree C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IF (Immunofluorescence)

Immunofluorescence of CDCA8 in rat kidney tissue with CDCA8 antibody at 20 ug/mL.



WB (Western Blot)

Western blot analysis of CDCA8 in Rat kidney lysate with CDCA8 antibody at (A) 1 and (B) 2 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-CDCA8 antibody	CDCA8 is a component of a chromosomal passenger complex (CPC) required for stability of the bipolar mitotic spindle. The chromosomal passenger complex, which includes Survivin, CDCA8, INCENP and Aurora-B, is known to play crucial roles during mitosis and cell division. It was found that CDCA8 interacting with Aurora-B, INCENP and Survivin, increases during G2/M phase and then reduces after exit from M phase. CDCA8 is cell cycle regulated, down-regulated in response to p53/Rb-signaling, and up-regulated in many types of cancerous tissues. In Drosophila cells, inactivation of CDCA8 results in polyploidy, delayed mitosis and abnormal tissue development, indicating its critical role for cell proliferation. Recent studies show that CDCA8 is essential for cell proliferation during early embryonic development, and its early embryonic lethality cannot be rescued by the loss of p53. Its aberrant expression is linked to a poor prognosis for gastric cancer.
Product Categories/Family for anti-CDCA8 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	8922438
NCBI GeneID	55143
NCBI Accession #	NP_060571
NCBI GenBank Nucleotide #	NM_018101.3
Molecular Weight	31,323 Da
NCBI Official Full Name	borealin
NCBI Official Synonym Full Names	cell division cycle associated 8
NCBI Official Symbol	CDCA8
NCBI Official Synonym Symbols	BOR; DasraB; MESRGP; BOREALIN
NCBI Protein Information	borealin
UniProt Protein Name	Borealin
UniProt Gene Name	CDCA8
UniProt Synonym Gene Names	PESCRG3; hDasra-B
UniProt Entry Name	BOREA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/cdca8-antibody-immunofluorescence-western-blot-elisa/307129>