

Rabbit anti-Human CDCA8 Polyclonal Antibody | anti-CDCA8 antibody

CDCA8 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287737	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

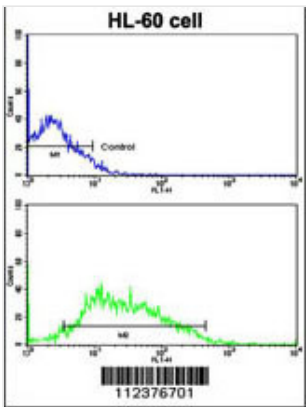
PRODUCT SYNONYMS

CDCA8; Polyclonal Antibody; CDCA8 Antibody (Center); Borealin; Cell division cycle-associated protein 8; Dasra-B; hDasra-B; Pluripotent embryonic stem cell-related gene 3 protein; PESCRG3; anti-CDCA8 antibody

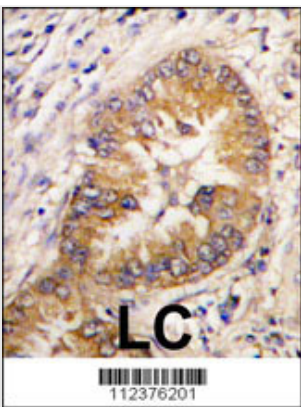
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CDCA8 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 115-144 amino acids from the Central region of human CDCA8.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	115-144
Sequence Length	280
Applicable Applications for anti-CDCA8 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

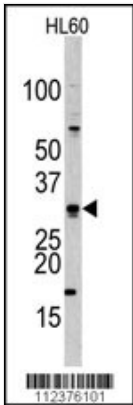
IMAGES



FCM/FACS (Flow Cytometry)
Flow cytometric analysis of HL-60 cells using CDCA8 Antibody (Center)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human lung carcinoma tissue reacted with CDCA8 antibody (Center) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of CDCA8 Antibody (Center) in HL60 cell line lysates (35ug/lane). CDCA8(arrow) was detected using the purified polyclonal antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CDCA8 antibody	CDCA8 is a component of the chromosomal passenger complex (CPC) required for stability of the bipolar mitotic spindle. The CPC complex, a key regulator of mitosis, 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, CDCA8 may be required to direct the CPC to centromeric DNA.
Product Categories/Family for anti-CDCA8 antibody	Cell Biology
References	Sampath, S.C., et al., Cell 118(2):187-202 (2004). Gassmann, R., et al., J. Cell Biol. 166(2):179-191 (2004).

NCBI AND UNIPROT INFORMATION

NCBI GI #	379056369
NCBI GeneID	55143
NCBI Accession #	NP_001243804.1; NP_060571.1
NCBI GenBank Nucleotide #	NM_001256875.1
UniProt Accession #	Q53HL2; Q53HN1; Q96AM3; Q9NVW5; D3DPT4

Molecular Weight	31323
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cdca8-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/287737>