

Borealin (CDCA8) Antibody

Catalogue No.:abx028083



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.

Target:	Borealin (CDCA8)
Clonality:	Polyclonal
Reactivity:	Human
Tested Applications:	ELISA, WB
Host:	Rabbit

Recommended dilutions: WB: 1/2000. Optimal dilutions/concentrations should be determined by the end user.

Datasheet Version: 3.0.0 Revision date: 25 May 2025



Conjugation:	Unconjugated
Immunogen:	KLH-conjugated synthetic peptide between 115-144 amino acids from the Central region of human CDCA8.
lsotype:	lgG
Form:	Liquid
Purification:	Purified through a protein A column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q53HL2 (<u>UniProt</u> , <u>ExPASy</u>)
NCBI Accession:	NP_001243804.1, NP_060571.1
KEGG:	hsa:55143
String:	9606.ENSP00000362146
Molecular Weight:	Calculated MW: 31.3 kDa
Buffer:	PBS containing 0.09% sodium azide.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.