

CDCA8 Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP1447c

Product Information

Application	WB, E
Primary Accession	Q53HL2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	115-144

Additional Information

Other Names	Borealin, Cell division cycle-associated protein 8, Dasra-B, hDasra-B, Pluripotent embryonic stem cell-related gene 3 protein, CDCA8, PESCRG3
Target/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.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	CDCA8 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Background

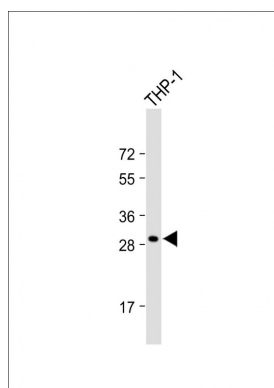
CDCA8 is a component of the chromosomal passenger complex (CPC) required for stability of the bipolar mitotic spindle. The CPC complex, a key regulator of mitosis, has essential functions at the centromere in ensuring correct chromosome alignment and segregation and is required for chromatin-induced microtubule stabilization and spindle assembly. In the complex, CDCA8 may be required to direct the CPC to centromeric DNA.

References

Sampath, S.C., et al., Cell 118(2):187-202 (2004).

Gassmann, R., et al., J. Cell Biol. 166(2):179-191 (2004).

Images



Anti-CDCA8 Antibody (Center) at 1:2000 dilution + THP-1 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 31 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Citations

- [A survivin-ran complex regulates spindle formation in tumor cells.](#)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.