

CDCA5 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI14270**Specification**

CDCA5 antibody - middle region - Product Information

Application	WB
Primary Accession	Q96FF9
Other Accession	NM_080668 , NP_542399
Reactivity	Human, Mouse, Rabbit, Pig, Bovine, Dog
Predicted	Human, Mouse, Rabbit, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	28kDa KDa

CDCA5 antibody - middle region - Additional Information**Gene ID** 113130**Alias Symbol** MGC16386, SORORIN**Other Names**

Sororin, Cell division cycle-associated protein 5, p35, CDCA5

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-CDCA5 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

CDCA5 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

CDCA5 antibody - middle region - Protein Information**Name** CDCA5**Function**

Regulator of sister chromatid cohesion in mitosis stabilizing cohesin complex association with chromatin. May antagonize the action of WAPL which stimulates cohesin dissociation from chromatin. Cohesion ensures that chromosome partitioning is accurate in both meiotic and mitotic cells and plays an important role in DNA repair. Required for efficient DNA double-stranded break repair.

Cellular Location

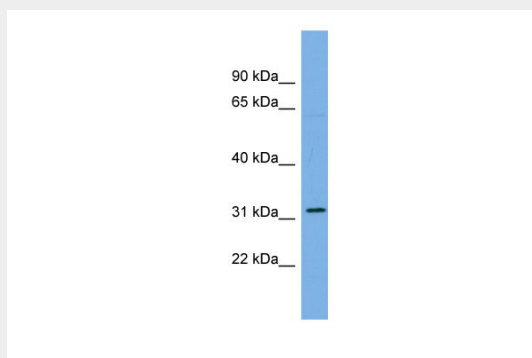
Nucleus. Chromosome. Cytoplasm Note=Associates with nuclear chromatin from S phase until metaphase and is released in the cytoplasm upon nuclear envelope breakdown

CDCA5 antibody - middle region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CDCA5 antibody - middle region - Images



WB Suggested Anti-CDCA5 Antibody Titration: 0.2-1 μ g/ml
Positive Control: OVCAR-3 cell lysate

CDCA5 antibody - middle region - References

Walker M.G.,et al.Curr. Cancer Drug Targets 1:73-83(2001).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Rankin S.,et al.Mol. Cell 18:185-200(2005).
Rankin S.,et al.Mol. Cell 18:609-609(2005).