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CDCA5 Antibody

Rabbit mAb
Catalog # AP90953

Product Information

Application	WB, IHC, IF, FC, ICC, IHF
Primary Accession	Q96FF9
Reactivity	Human
Clonality	Monoclonal
Other Names	CDCA5; Cell division cycle associated protein 5; Cell division cycle-associated protein 5; p35; Sororin;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	27601

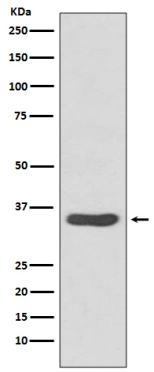
Additional Information

Dilution	WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200 FC 1:50
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human CDCA5
Description	Regulator of sister chromatid cohesion in mitosis stabilizing cohesin complex association with chromatin. May antagonize the action of WAPAL 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.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

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

Images



Western blot analysis of CDCA5 expression in Jurkat cell lysate.

Image not found : 202311/AP90953-IHC.jpg

Immunohistochemical analysis of paraffin-embedded human colon, using CDCA5 Antibody.

Image not found : 202311/AP90953-IF.jpg

Immunofluorescent analysis of Hela cells, using CDCA5 Antibody.

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