

CDCA5 (6T5) Rabbit Monoclonal Antibody

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Catalog # AP93690

Product Information

| | |
|-------------------|------------------------|
| Application | WB, IHC, IF, FC, ICC |
| Primary Accession | Q96FF9 |
| Reactivity | Human |
| Clonality | Monoclonal |
| Calculated MW | 27601 |

Additional Information

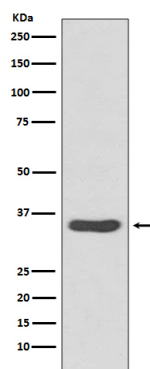
| | |
|--------------------|---|
| Gene ID | 113130 |
| Other Names | Sororin, Cell division cycle-associated protein 5, p35, CDCA5 |
| Dilution | WB~~1:1000 IHC~~1:100~500 IF~~1:50~200 FC~~1:10~50 ICC~~N/A |
| Storage Conditions | -20°C |

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.



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