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Datasheet for ABIN889687

anti-CDCA5 antibody (AA 101-200) (Alexa Fluor 350)

Overview

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|----------------------|---|
| Quantity: | 100 µL |
| Target: | CDCA5 |
| Binding Specificity: | AA 101-200 |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This CDCA5 antibody is conjugated to Alexa Fluor 350 |
| Application: | Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

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| Immunogen: | KLH conjugated synthetic peptide derived from human Sororin |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse |
| Predicted Reactivity: | Rat,Dog,Cow,Pig,Horse,Rabbit |
| Purification: | Purified by Protein A. |

Target Details

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| Target: | CDCA5 |
| Alternative Name: | Sororin (CDCA5 Products) |

Target Details

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|-------------|---|
| Background: | Synonyms: SORORIN, Cell division cycle-associated protein 5, p35, CDCA5 Background: 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. |
| Gene ID: | 113130 |
| UniProt: | Q96FF9 |
| Pathways: | Chromatin Binding |

Application Details

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| Application Notes: | FCM 1:20-100 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 |
| Restrictions: | For Research Use only |

Handling

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|--------------------|--|
| Format: | Liquid |
| Concentration: | 1 µg/µL |
| Buffer: | Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles. |
| Expiry Date: | 12 months |