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Datasheet for ABIN7466463 **anti-CDT1 antibody (C-Term)**

Overview

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| Quantity: | 100 µL |
| Target: | CDT1 |
| Binding Specificity: | C-Term |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This CDT1 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

Product Details

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| Immunogen: | Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human CDT1. The exact sequence is proprietary. |
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Purification: | Purified by antigen-affinity chromatography. |

Target Details

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| Target: | CDT1 |
| Alternative Name: | chromatin licensing and DNA replication factor 1 (CDT1 Products) |
| Background: | Chromatin licensing and DNA replication factor 1 , DUP , RIS2, Cooperates with CDC6 to |

Target Details

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| | promote the loading of the mini-chromosome maintenance complex onto chromatin to form the pre-replication complex necessary to initiate DNA replication. Binds DNA in a sequence-, strand-, and conformation-independent manner. Potential oncogene. |
| Molecular Weight: | 60 kDa |
| Gene ID: | 81620 |
| UniProt: | Q9H211 |
| Pathways: | MAPK Signaling , Mitotic G1-G1/S Phases , DNA Replication , Synthesis of DNA |

Application Details

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| Application Notes: | WB: 1:500-1:3000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications. |
| Comment: | Positive Control: Jurkat , Raji |
| Restrictions: | For Research Use only |

Handling

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| Format: | Liquid |
| Concentration: | 0.33 mg/mL |
| Buffer: | 1XPBS (pH 7), 20 % Glycerol, 0.025 % ProClin 300 |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |