

Product Datasheet

CDT1 Antibody - BSA Free

NB100-2567

Unit Size: 100 ul

Store at 4C. Do not freeze.

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NB100-2567

CDT1 Antibody - BSA Free

Product Information

| | |
|--------------------------------|-----------------------------------|
| Unit Size | 100 ul |
| Concentration | 1.0 mg/ml |
| Storage | Store at 4C. Do not freeze. |
| Clonality | Polyclonal |
| Preservative | 0.09% Sodium Azide |
| Isotype | IgG |
| Purity | Immunogen affinity purified |
| Buffer | Tris-Citrate/Phosphate (pH 7 - 8) |
| Target Molecular Weight | 60.4 kDa |

Product Description

| | |
|--------------------|--|
| Host | Rabbit |
| Gene ID | 81620 |
| Gene Symbol | CDT1 |
| Species | Human |
| Immunogen | The immunogen recognized by this antibody maps to a region between residue 500 and the C-terminus (residue 546) of human Chromatin Licensing and DNA Replication Factor 1 using the numbering given in entry NP_112190.1 (GeneID 81620). |

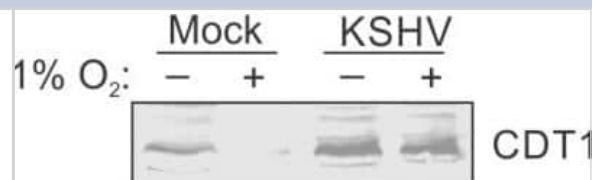
Product Application Details

| | |
|------------------------------|---|
| Applications | Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation |
| Recommended Dilutions | Western Blot 1:1000 - 1:2500, Immunohistochemistry 1:1000 - 1:5000, Immunoprecipitation 2-5 ug/mg lysate, Immunohistochemistry-Paraffin 1:1000 - 1:5000 |
| Application Notes | Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections. |

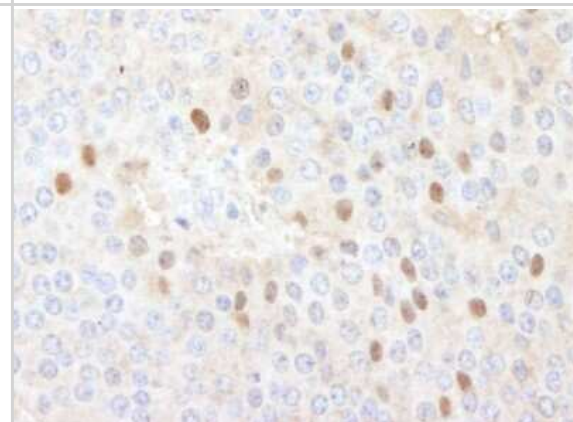


Images

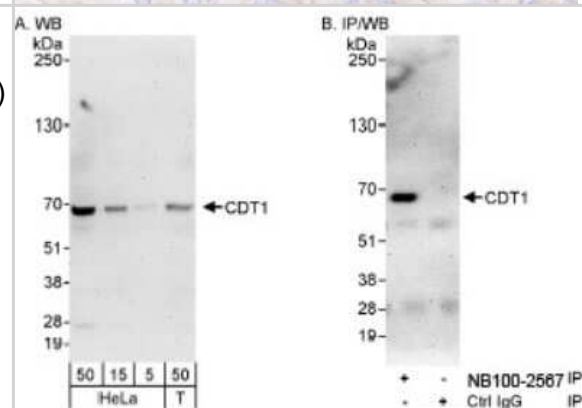
Western Blot: CDT1 Antibody [NB100-2567] - Human B cells. KSHV infection protects CDT1 from hypoxia mediated degradation. Mock or KSHV infected cells were grown under normoxic or hypoxic condition followed by measuring CDT1 levels. Western blot image submitted by a verified customer review.



Immunohistochemistry-Paraffin: CDT1 Antibody [NB100-2567] - Human islet cell carcinoma. Antibody used at a dilution of 1:1000 (1ug/mL).



Western Blot: CDT1 Antibody [NB100-2567] - Whole cell lysate from HeLa (5, 15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded) and 293T (T; 50 ug) cells. Affinity purified rabbit anti- CDT1 antibody (NB100-2567) used for WB at 1 ug/mL (A and B) and used for IP at 3 ug/mg lysate (B).



Publications

Singh RK, Lamplugh ZL, Lang F et al. KSHV-encoded LANA protects the cellular replication machinery from hypoxia induced degradation PLoS Pathog. 2019-09-01 [PMID: 31479497] (WB, Human)

Kim Y, Starostina NG, Kipreos ET et al. The CRL4Cdt2 ubiquitin ligase targets the degradation of p21Cip1 to control replication licensing. Genes Dev 2008-09-01 [PMID: 18794348]

Pos Z, Wiener Z, Pocza P et al. Histamine suppresses fibulin-5 and insulin-like growth factor-II receptor expression in melanoma. Cancer Res 2008-03-01 [PMID: 18339882]

Hubbi ME, Kshitiz, Gilkes DM et al. A nontranscriptional role for HIF-1alpha as a direct inhibitor of DNA replication. Sci Signal 2013-02-12 [PMID: 23405012]

Hubbi ME, Luo W, Baek JH et al. MCM proteins are negative regulators of hypoxia-inducible factor 1 Mol Cell 2011-06-10 [PMID: 21658608] (WB, Human)



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Products Related to NB100-2567

| | |
|------------|---|
| NB800-PC1 | HeLa Whole Cell Lysate |
| HAF008 | Goat anti-Rabbit IgG Secondary Antibody [HRP] |
| NB7160 | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891 | Rabbit IgG Isotype Control |

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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