

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

Description	Novus Biologicals Rabbit CDT1 Antibody - BSA Free (NB100-2567) is a polyclonal antibody validated for use in IHC, WB and IP. Anti-CDT1 Antibody: Cited in 5 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
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).

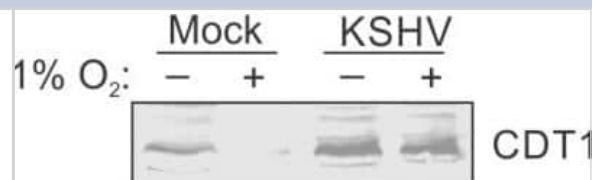
Product Application Details

Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, 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.

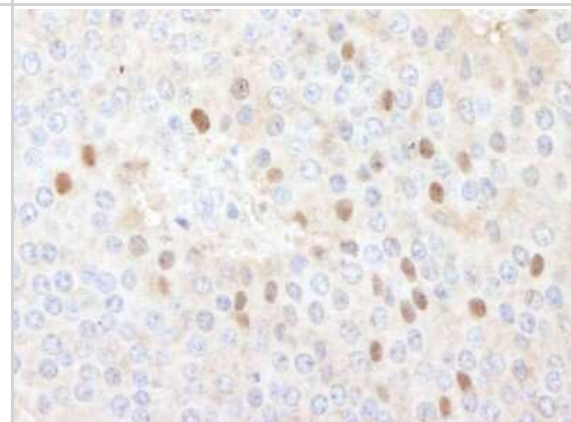


Images

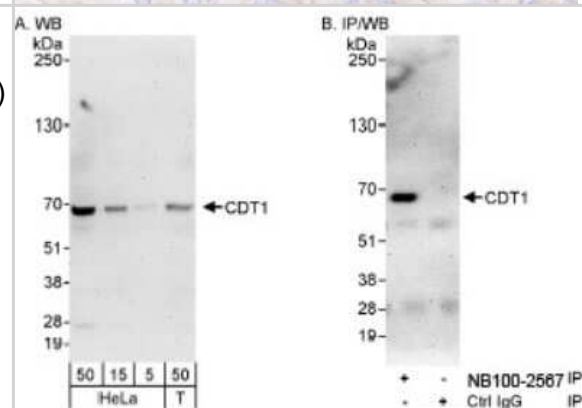
Western Blot: CDT1 Antibody [NB100-2567] - Human B cells. KSHV infection protects CDT1 from hypoxia mediated degradation. Mock or KSHV infected cells were grown under normoxic or hypoxic condition followed by measuring CDT1 levels. Western blot image submitted by a verified customer review.



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)



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

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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