

Product Datasheet

Cdk7 Antibody - BSA Free NB100-581

Unit Size: 100 ul

Store at 4C. Do not freeze.

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NB100-581

Cdk7 Antibody - BSA Free

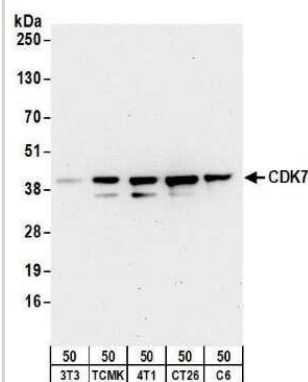
Product Information	
Unit Size	100 ul
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris-Citrate/Phosphate (pH 7.0 - 8.0)

Product Description	
Host	Rabbit
Gene ID	1022
Gene Symbol	CDK7
Species	Human, Mouse, Rat
Immunogen	The immunogen recognized by this antibody maps to a region between residues 300 and the C-terminus (residue 346) of human Cyclin-Dependent Kinase 7 using the numbering given in Swiss-Prot entry P50613 (GeneID 1022).

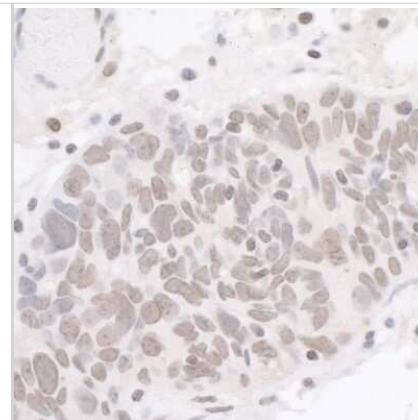
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunoprecipitation, Immunocytochemistry
Recommended Dilutions	Western Blot, Immunohistochemistry, Immunoprecipitation 1:10-1:500, Immunocytochemistry

Images

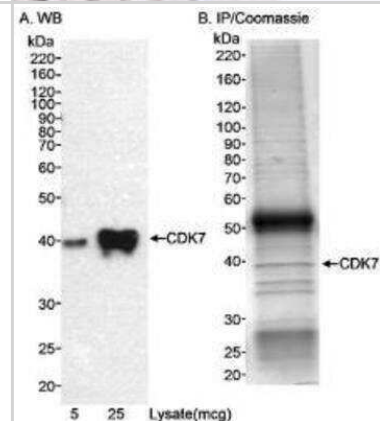
Western Blot: Cdk7 Antibody [NB100-581] - Detection of mouse and rat CDK7 by western blot. Samples: Whole cell lysate (50 ug) from NIH 3T3, TCMK-1, 4T1, CT26.WT, and rat C6 cells. Antibodies: Affinity purified rabbit anti-CDK7 antibody NB100-581 used for WB at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



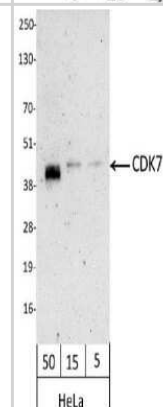
Immunohistochemistry: Cdk7 Antibody [NB100-581] - Sample: FFPE section of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-fs18 CDK7 fs20 used at a dilution of 1:1,000 (1ug/ml). Detection: DAB. Counterstain: IHC Hematoxylin (blue).



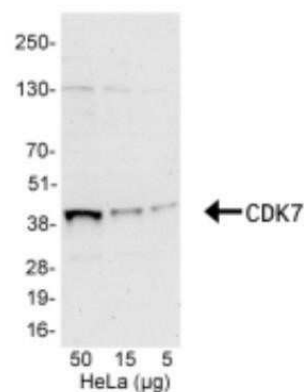
Western Blot: Cdk7 Antibody [NB100-581] - RIPA lysate (5 and 25 mcg/lane in A; 5 mg in B) from HeLa cells. Affinity purified rabbit anti-CDK7 antibody used at 0.1 mcg/ml for WB and at 4 mcg/5 mg lysate for IP.



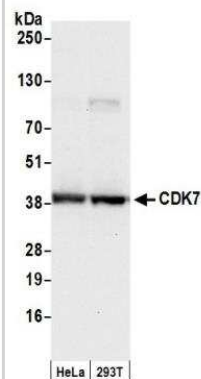
Western Blot: Cdk7 Antibody [NB100-581] - Analysis using the Biotin conjugate of NB100-581. Detection of HeLa (50, 15, and 5 ug). Antibody used at 1.0 ug/ml. Detection: Streptavidin-HRP and chemiluminescence with an exposure time of 3 minutes.



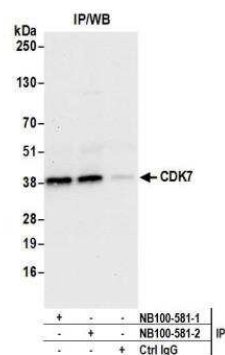
Western Blot: Cdk7 Antibody [NB100-581] - Analysis of Biotin conjugate of NB100-581. Whole cell lysate from HeLa (50, 15, and 5 ug). Antibody: Affinity purified, biotin-conjugated, rabbit anti-CDK7 antibody used at 0.1 ug/ml. Detection: Streptavidin-HRP and chemiluminescence with an exposure time



Western Blot: Cdk7 Antibody [NB100-581] - Detection of Human CDK7 by Western Blot. Samples: Whole cell lysate (50 ug) from HeLa and 293T cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-CDK7 antibody NB100-581 used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



Immunoprecipitation: Cdk7 Antibody [NB100-581] - Detection of human CDK7 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-CDK7 antibody NB100-581 (lot NB100-581-2) used for IP at 6 ug per reaction. CDK7 was also immunoprecipitated by a previous lot of this antibody NB100-581-1 For blotting immunoprecipitated CDK7, NB100-581 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.





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Products Related to NB100-581

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

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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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