

Product Datasheet

CDK4 Antibody NBP1-31308

Unit Size: 100 ul

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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NBP1-31308

CDK4 Antibody

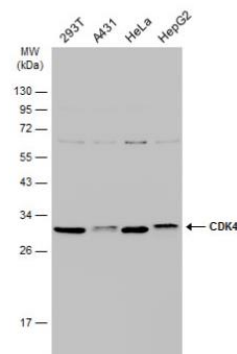
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.0), 1.0% BSA and 20% Glycerol
Target Molecular Weight	34 kDa

Product Description	
Host	Rabbit
Gene ID	1019
Gene Symbol	CDK4
Species	Human, Mouse, Rat, Bovine
Reactivity Notes	Rhesus Monkey (100%).
Immunogen	Recombinant protein encompassing a sequence within the center region of human CDK4. The exact sequence is proprietary.

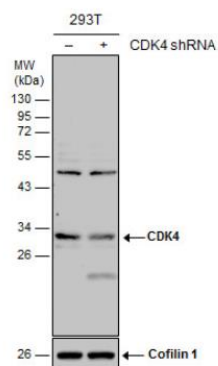
Product Application Details	
Applications	Western Blot, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000

Images

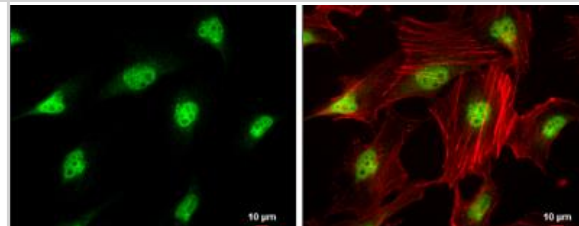
CDK4 Antibody [NBP1-31308] - Various whole cell extracts (30 ug) were separated by 12% SDS-PAGE, and the membrane was blotted with CDK4 antibody diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



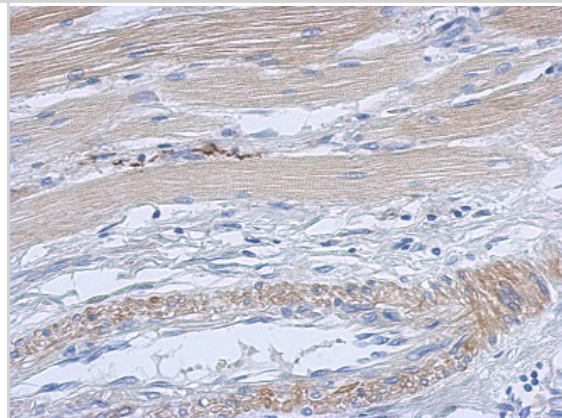
Western Blot: CDK4 Antibody [NBP1-31308] - Non-transfected (-) and transfected (+) 293T whole cell extracts (30 ug) were separated by 12% SDS-PAGE, and the membrane was blotted with CDK4 antibody. HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



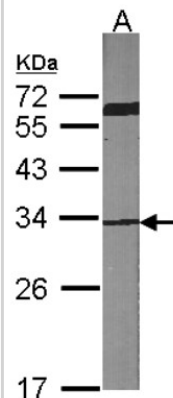
Immunocytochemistry/Immunofluorescence: CDK4 Antibody [NBP1-31308] - HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: CDK4 protein stained by CDK4 antibody diluted at 1:500. Red: phalloidin, a cytoskeleton marker, diluted at 1:200. Scale bar = 10 um.



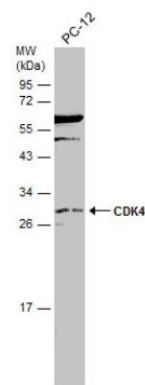
Immunohistochemistry-Paraffin: Cdk4 Antibody [NBP1-31308] - Paraffin-embedded Gastric ca, using antibody at 1:500 dilution.



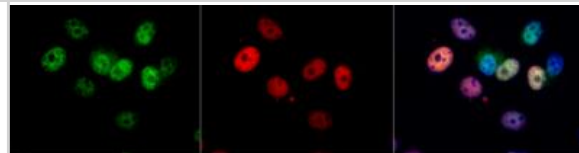
Western Blot: Cdk4 Antibody [NBP1-31308] - Sample (30 ug of whole cell lysate) A:NIH-3T3 12% SDS PAGE; antibody diluted at 1:1000.



Western Blot: CDK4 Antibody [NBP1-31308] - Whole cell extract (30 ug) was separated by 12% SDS-PAGE, and the membrane was blotted with CDK4 antibody diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



Immunocytochemistry/Immunofluorescence: CDK4 Antibody [NBP1-31308] - MCF7 cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: CDK4 protein stained by CDK4 antibody diluted at 1:1000.



Publications

Huang AM, Kao YT, Toh S et al. UBE2M-mediated p27(kip1) degradation in gemcitabine cytotoxicity. *Biochem Pharmacol* 2011 Jul [PMID: 21477582] (WB, Human)



Novus Biologicals USA

8100 Southpark Way, A-8
Littleton, CO 80120
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
novus@novusbio.com

Novus Biologicals Canada

461 North Service Road West, Unit B37
Oakville, ON L6M 2V5
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada@novusbio.com

Novus Biologicals Europe

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@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: technical@novusbio.com
Orders: orders@novusbio.com
General: novus@novusbio.com

Products Related to NBP1-31308

NBP2-66179	CDK4 Knockout HeLa Cell Lysate
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB7156	Goat anti-Rabbit IgG (H+L) Secondary Antibody
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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