

Product Datasheet

p27/Kip1 Antibody NB100-2816

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Publications: 3

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NB100-2816

Updated 9/9/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NB100-2816



NB100-2816

p27/Kip1 Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Description	Novus Biologicals Goat p27/Kip1 Antibody (NB100-2816) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-p27/Kip1 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	1027
Gene Symbol	CDKN1B
Species	Human
Immunogen	Peptide with sequence C-KRPATDDSSSTQNK corresponding to internal region according to NP_004055.1.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA
Recommended Dilutions	Western Blot 0.1 - 0.3 ug/mL, Immunohistochemistry 5 ug/mL, Immunohistochemistry-Paraffin 5 ug/mL, Peptide ELISA Detection limit 1:32000
Application Notes	Western blot: Approx 26 kDa band observed in lysates of Human Prostate and of Hepatoblastoma cell line HepG2 (calculated MW of 22.1 kDa according to NP_004055.1).).

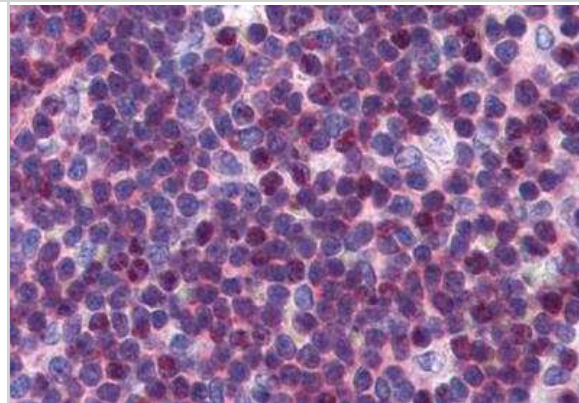


Images

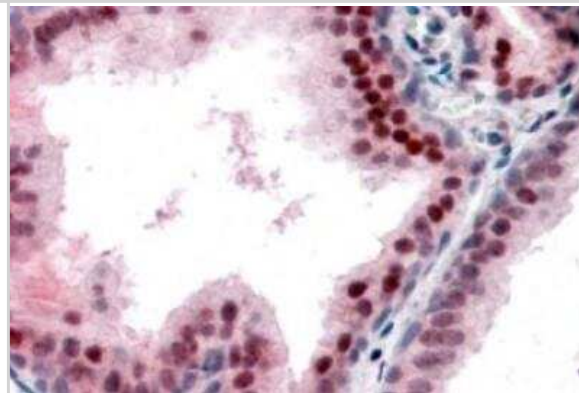
Western Blot: p27/Kip1 Antibody [NB100-2816] - Human Prostate lysate (35 ug protein in RIPA buffer). Antibody at 0.1 ug/mL. Primary incubation was 1 hour. Detected by chemiluminescence.

250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa
10kDa

Immunohistochemistry-Paraffin: p27/Kip1 Antibody [NB100-2816] - Staining of paraffin embedded Human Spleen. Antibody at 5 ug/mL. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Immunohistochemistry-Paraffin: p27/Kip1 Antibody [NB100-2816] - Staining of paraffin embedded Human Prostate. Antibody at 5 ug/mL. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Publications

Baldassarre G, Belletti B, Nicoloso MS et al. p27(Kip1)-stathmin interaction influences sarcoma cell migration and invasion. *Cancer Cell* 2005-01-01 [PMID: 15652749]

Xia ZB, Popovic R, Chen J et al. The MLL fusion gene, MLL-AF4, regulates cyclin-dependent kinase inhibitor CDKN1B (p27kip1) expression. *Proc Natl Acad Sci USA* 2005-09-01 [PMID: 16169901]

Beharry Z, Zemskova M, Mahajan S et al. Novel benzylidene-thiazolidine-2,4-diones inhibit Pim protein kinase activity induce cell cycle arrest in leukemia prostate cancer cells. *Mol Cancer Ther*;8(6):1473-1483. 2009-01-01 [PMID: 19509254]



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 NB100-2816

NB820-59249	Human Prostate Whole Tissue Lysate (Adult Whole Normal)
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat 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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NB100-2816

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications



