

Product Datasheet

p16INK4a/CDKN2A Antibody - BSA Free NBP3-06986

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP3-06986

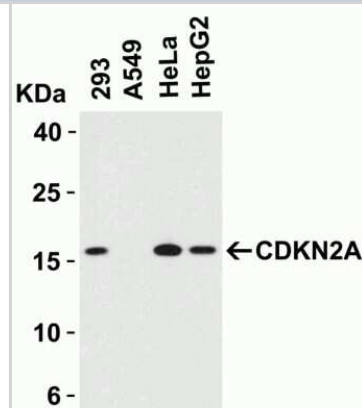
p16INK4a/CDKN2A Antibody - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Peptide affinity purified
Buffer	PBS
Target Molecular Weight	17 kDa
Product Description	
Host	Rabbit
Gene ID	1029
Gene Symbol	CDKN2A
Species	Human
Specificity/Sensitivity	Human CDKN2A has 6 isoforms, including isoform 1 (156aa, 17kD), isoform 2 (105aa, 11kD), isoform 3 (116aa, 12kD), isoform 5 (167aa, 18kD), isoform tumor suppressor ARF (132aa, 14kD) and isoform smARF (85aa, 9kD). Mouse CDKN2A has 4 isoforms, including isoform 1 (168aa, 18kD), isoform 2 (125aa, 14kD), isoform tumor suppressor ARF (169aa, 19kD) and isoform smARF (125aa, 14kD). Rat CDKN2A has two isoforms, including isoform 1 (159aa, 17kD) and isoform ARF (160aa, 17kD). NBP3-06986 can detect only human isoforms 1 and 5, but cannot detect mouse and rat.
Immunogen	Antibody was raised against a peptide corresponding to 17 amino acids near the carboxy terminus of human CDKN2A. The immunogen is located within the last 50 amino acids of CDKN2A.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockout Validated
Recommended Dilutions	Western Blot 1-2 ug/mL, ELISA, Immunohistochemistry 5 ug/mL, Immunocytochemistry/ Immunofluorescence 20 ug/mL, Immunohistochemistry-Paraffin 5 ug/ml, Knockout Validated

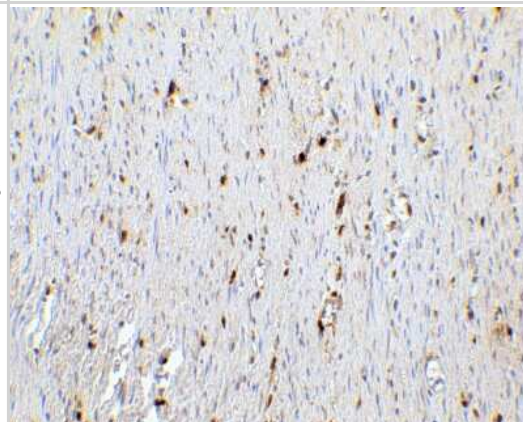


Images

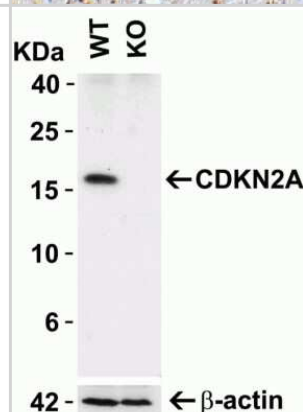
Western Blot: p16INK4a/CDKN2A Antibody [NBP3-06986] - Loading: 15 ug of lysates per lane. Antibodies: NBP3-06986 (2 ug/mL), 1h incubation at RT in 5% NFDm/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution.



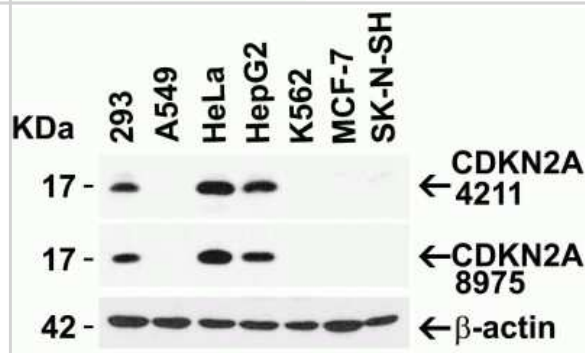
Immunohistochemistry: p16INK4a/CDKN2A Antibody [NBP3-06986] - Analysis of paraffin-embedded human colon tissue using NBP3-06986 at 5 ug/ml. Tissue was fixed with formaldehyde and blocked with 10% serum for 1 h at RT; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody overnight at 4 degrees C. A goat anti-rabbit IgG H&L (HRP) at 1/250 was used as secondary. Counter stained with Hematoxylin.



Western Blot: p16INK4a/CDKN2A Antibody [NBP3-06986] - Loading: 10 ug of 293 WT cell lysates or CDKN2A KO cell lysates. Antibodies: CDKN2A, NBP3-06986 (2 ug/mL) and beta-actin (1 ug/mL), 1 h incubation at RT in 5% NFDm/TBST. Secondary: Goat



Western Blot: p16INK4a/CDKN2A Antibody [NBP3-06986] - Loading: 15 ug of lysates per lane. Antibodies: CDKN2A (2 ug/mL), NBP3-06986 (2 ug/mL) and beta-actin (1 ug/mL), 1h incubation at RT in 5% NFDm/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution.





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 NBP3-06986

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-35199-10ug	Recombinant Human p16INK4a/CDKN2A Protein

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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