

Product Datasheet

p21/CIP1/CDKN1A Antibody (4Z1H9)

NBP3-15661-100ul

Unit Size: 100 ul

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

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NBP3-15661-100ul

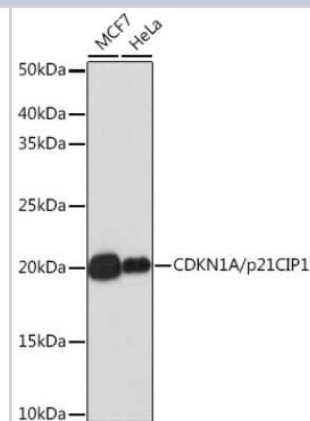
p21/CIP1/CDKN1A Antibody (4Z1H9)

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4Z1H9
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol, 0.05% BSA
Target Molecular Weight	18 kDa
Product Description	
Description	Novus Biologicals Knockout (KO) Validated Rabbit p21/CIP1/CDKN1A Antibody (4Z1H9) (NBP3-15661) is a recombinant monoclonal antibody validated for use in IHC, WB and ELISA. Anti-p21/CIP1/CDKN1A Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	1026
Gene Symbol	CDKN1A
Species	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-164 of human p21/CIP1/CDKN1A (NP_000380.1). MSEPAGDVRQNPCGSKACRRLFGPVDSEQLSRDCDALMAGCIQEARERWNF DFVTETPLEGDFAWERVRLGLPKLYLPTGPRRGRDELGGRRPGTSPALLQ GTAEDHVDLSLSCTLVPRSGEQAEGSPGGPGDSQGRKRRQTSMTDFYHSK RRLIFSKRKP
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunohistochemistry, Knockout Validated
Recommended Dilutions	Western Blot 1:1000 - 1:2000, ELISA Recommended starting concentration is 1 µg/m, Immunohistochemistry 1:200-1:800, Immunohistochemistry-Paraffin 1:200-1:800, Knockout Validated

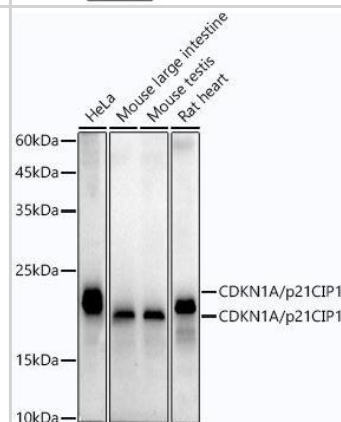


Images

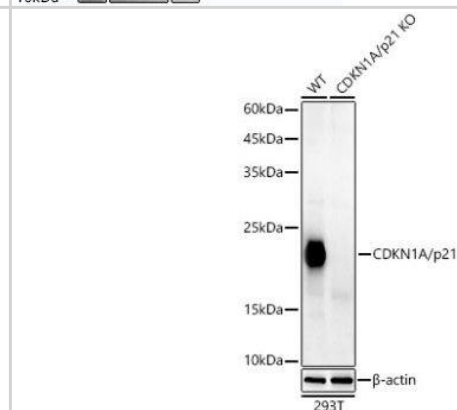
Western Blot: p21/CIP1/CDKN1A Antibody (1L4J1) [NBP3-15661] - Analysis of extracts of various cell lines, using p21/CIP1/CDKN1A antibody (NBP3-15661) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 3min.



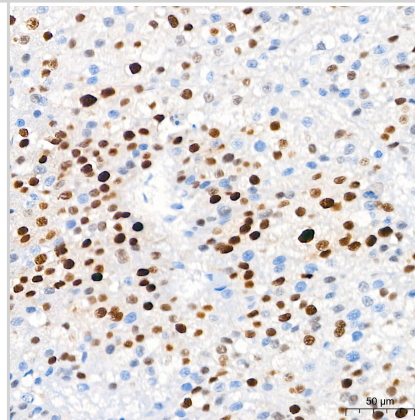
Analysis of extracts of various cell lines, using CDKN1A/p21CIP1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 90s.



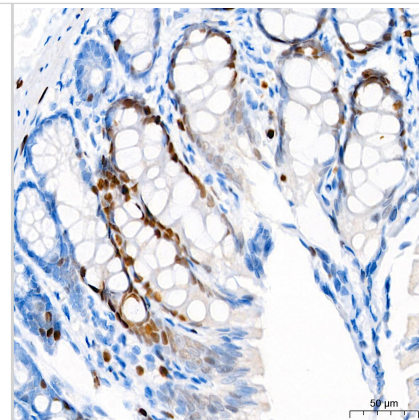
Western Blot: p21/CIP1/CDKN1A Antibody (1L4J1) [NBP3-15661] - analysis of lysates from wild type (WT) and CDKN1A/p21 knockout (KO) 293T cells, using [KO Validated] CDKN1A/p21 Rabbit mAb at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 90s.



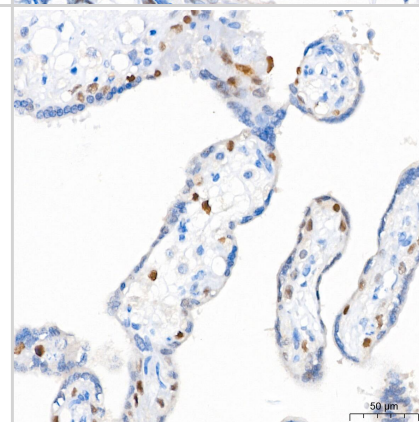
Immunohistochemistry: p21/CIP1/CDKN1A Antibody (4Z1H9) [p21/CIP1/CDKN1A] - Immunohistochemistry analysis of paraffin-embedded Human liver cancer tissue using [KO Validated] p21/CIP1/CDKN1A Rabbit mAb at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.



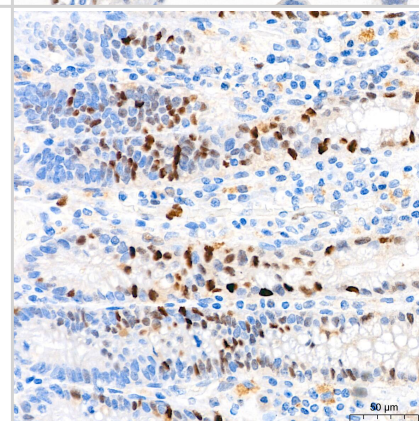
Immunohistochemistry: p21/CIP1/CDKN1A Antibody (4Z1H9) [p21/CIP1/CDKN1A] - Immunohistochemistry analysis of paraffin-embedded Rat colon tissue using [KO Validated] p21/CIP1/CDKN1A Rabbit mAb at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.



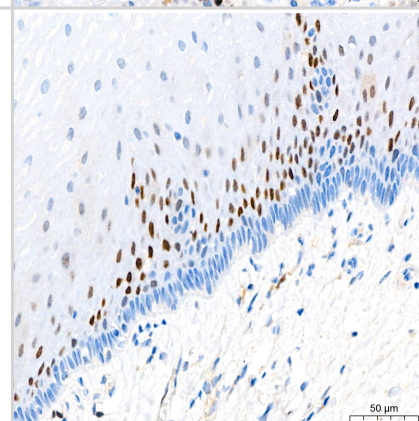
Immunohistochemistry: p21/CIP1/CDKN1A Antibody (4Z1H9) [p21/CIP1/CDKN1A] - Immunohistochemistry analysis of paraffin-embedded Human placenta tissue using [KO Validated] p21/CIP1/CDKN1A Rabbit mAb at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.



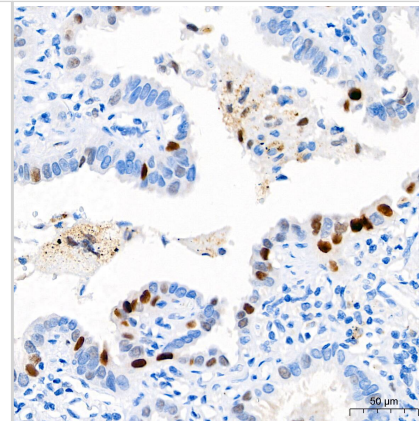
Immunohistochemistry: p21/CIP1/CDKN1A Antibody (4Z1H9) [p21/CIP1/CDKN1A] - Immunohistochemistry analysis of paraffin-embedded Human colon tissue using [KO Validated] p21/CIP1/CDKN1A Rabbit mAb at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.



Immunohistochemistry: p21/CIP1/CDKN1A Antibody (4Z1H9) [p21/CIP1/CDKN1A] - Immunohistochemistry analysis of paraffin-embedded Human esophagus tissue using [KO Validated] p21/CIP1/CDKN1A Rabbit mAb at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.



Immunohistochemistry: p21/CIP1/CDKN1A Antibody (4Z1H9) [p21/CIP1/CDKN1A] - Immunohistochemistry analysis of paraffin-embedded Human lung adenocarcinoma tissue using [KO Validated] p21/CIP1/CDKN1A Rabbit mAb at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.



Publications

Robert C H Gresham, Andrea C Filler, Shierly W Fok, Molly Czachor, Natalie Schmier, Claire Pearson, Chelsea Bahney, J Kent Leach Compliant substrates mitigate the senescence associated phenotype of stress induced mesenchymal stromal cells. Journal of biomedical materials research. Part A 2023-12-14 [PMID: 38095311]



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Products Related to NBP3-15661-100ul

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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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