

Product Datasheet

p21/CIP1/CDKN1A Antibody

NBP2-19652

Unit Size: 0.1 ml

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

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NBP2-19652

p21/CIP1/CDKN1A Antibody

Product Information

Unit Size	0.1 ml
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	0.01% Thimerosal
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS, 20% Glycerol
Target Molecular Weight	18 kDa

Product Description

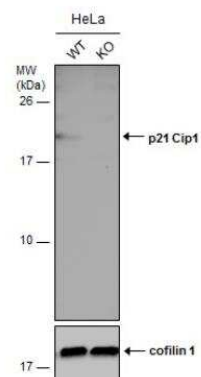
Host	Rabbit
Gene ID	1026
Gene Symbol	CDKN1A
Species	Human, Chicken
Reactivity Notes	Cat (84%), Sheep (82%) Bovine (83%).
Immunogen	Recombinant protein encompassing a sequence within the center region of human p21/CIP1/CDKN1A. The exact sequence is proprietary.

Product Application Details

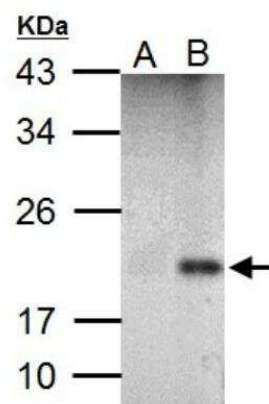
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockout Validated
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000, Knockout Validated

Images

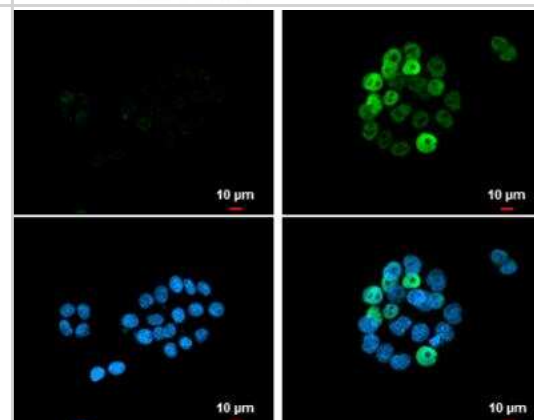
Knockout Validated: p21/CIP1/CDKN1A Antibody [NBP2-19652] - Wild-type (WT) and p21 Cip1 knockout (KO) HeLa cell extracts (30 ug) were separated by 15% SDS-PAGE, and the membrane was blotted with p21 Cip1 antibody. HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.



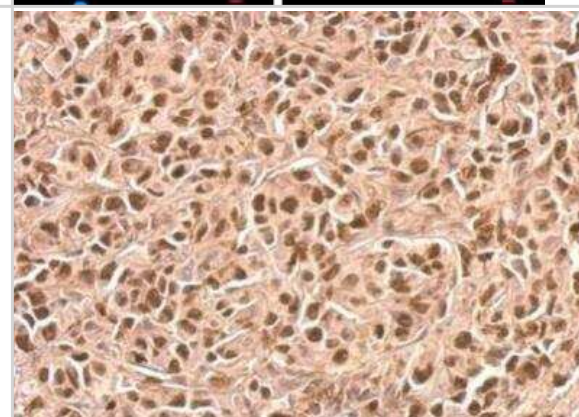
Western Blot: p21/CIP1/CDKN1A Antibody [NBP2-19652] - Sample (30 ug of whole cell lysate) A: HCT116 cells with 30uM cisplatin treatment for 0hr B: HCT116 cells with 30uM cisplatin treatment for 24hr 12% SDS PAGE gel.



Immunocytochemistry/Immunofluorescence: p21/CIP1/CDKN1A Antibody [NBP2-19652] - HeLa cells mock (left) and treated with 30 uM Cisplatin for 24 hrs (right) were fixed in 4% paraformaldehyde at RT for 15 min. Green: p21 Cip1 protein stained by p21 Cip1 antibody. Blue: Hoechst 33342 staining. Scale bar = 10 um.



Immunohistochemistry-Paraffin: p21/CIP1/CDKN1A Antibody [NBP2-19652] - SkHep1xenograft. p21 Cip1 antibody dilution: 1:500. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



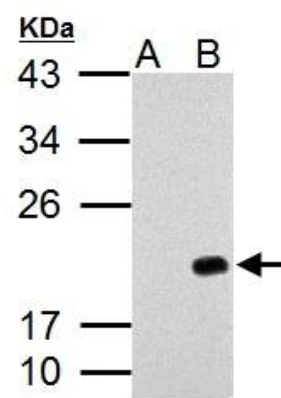
Western Blot: p21/CIP1/CDKN1A Antibody [NBP2-19652] - Sample (30 ug of whole cell lysate)

A: HCT116

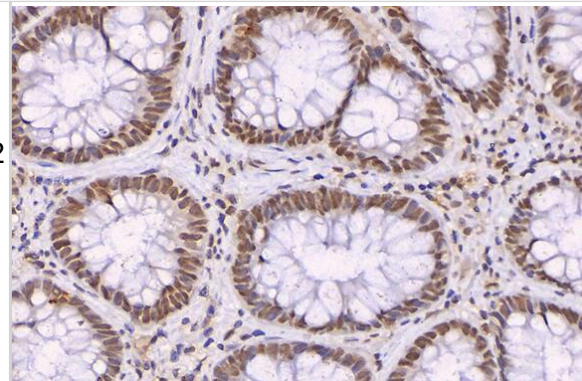
B: HCT116 treated with 30uM cisplatin for 24hr

12% SDS PAGE

NBP2-19652 diluted at 1:1000



Immunohistochemistry-Paraffin: p21/CIP1/CDKN1A Antibody [NBP2-19652] - p21/CIP1/CDKN1A antibody detects p21/CIP1/CDKN1A protein at nucleus by immunohistochemical analysis (Autostainer Formulated). Sample: Paraffin-embedded human normal colon tissue. p21/CIP1/CDKN1A stained by p21/CIP1/CDKN1A antibody (NBP2-19652) diluted at 1:500. Antigen Retrieval: EDTA buffer, 20 min





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Products Related to NBP2-19652

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-22976	Recombinant Human p21/CIP1/CDKN1A His 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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