

Product Datasheet

p21/CIP1/CDKN1A Antibody - BSA Free NB100-1941

Unit Size: 1 ml

Store at 4C. Do not freeze.

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Publications: 13

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NB100-1941

p21/CIP1/CDKN1A Antibody - BSA Free

Product Information	
Unit Size	1 ml
Concentration	0.2 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.1% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS, 0.2% gelatin

Product Description	
Host	Rabbit
Gene ID	1026
Gene Symbol	CDKN1A
Species	Human, Mouse, Rat
Specificity/Sensitivity	p21 (C19) reacts with p21(also designated WAF1/Cip1) of mouse, rat, and human origin.
Immunogen	Synthetic peptide corresponding to the C-terminal of human p21.

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:200, Immunohistochemistry 1:10-1:500, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500



Publications

Paula Montero, Inés Roger, Javier Milara, Julio Cortijo Damaging effects of UVA, blue light, and infrared radiation: in vitro assessment on a reconstructed full-thickness human skin *Frontiers in Medicine* 2023-12-01 [PMID: 38105899]

J Milara, I Roger, P Montero, E Artigues, J Escrivá, J Cortijo IL-11 system participates in pulmonary artery remodeling and hypertension in pulmonary fibrosis *Respiratory Research*, 2022-11-15;23(1):313. 2022-11-15 [PMID: 36376885]

Ottone OK, Kim CJ, Collins JA, Risbud MV. The cGAS-STING Pathway Affects Vertebral Bone but Does Not Promote Intervertebral Disc Cell Senescence or Degeneration *Frontiers in Immunology* 2022-06-13 [PMID: 35769461]

Montero P, Villarroel MJ, Roger I et al. Obacunone Photoprotective Effects against Solar-Simulated Radiation-Induced Molecular Modifications in Primary Keratinocytes and Full-Thickness Human Skin *International journal of molecular sciences* 2023-07-14 [PMID: 37511243] (WB, Human)

Wei F, Tuong ZK, Omer M et al. A novel multifunctional radioprotective strategy using P7C3 as a countermeasure against ionizing radiation-induced bone loss *Bone research* 2023-06-29 [PMID: 37385982] (IHC-Fr, Rat)

Roger I, Montero P, Milara J, Cortijo J Pirfenidone and Nintedanib Attenuates Pulmonary Artery Endothelial and Smooth Muscle Cells Remodeling Induced by IL-11 Available at SSRN 4432241 2023-05-08 (WB, Human)

Risbud M, Novais E, Tran V, et al. Long-term treatment with senolytic drugs Dasatinib and Quercetin ameliorates age-dependent intervertebral disc degeneration in mice *Nat Commun* 2021-09-04 [PMID: 34480023]

Gan L, Liu D, Liu J et al. CD38 deficiency alleviates Ang II-induced vascular remodeling by inhibiting small extracellular vesicle-mediated vascular smooth muscle cell senescence in mice *Signal transduction and targeted therapy* 2021-06-11 [PMID: 34112762] (IHC-P, WB, Mouse)

Novais E J, Tran V A et al. Comparison of inbred mouse strains shows diverse phenotypic outcomes of intervertebral disc aging. *Aging Cell* 2020-01-05 [PMID: 32319726] (IF/IHC, Mouse)

Novais EM, Diekman BO, Shapiro IM, Risbud MV. p16Ink4a deletion in cells of the intervertebral disc affects their matrix homeostasis and senescence associated secretory phenotype without altering onset of senescence *Matrix Biol.* 2019-02-24 [PMID: 30811968] (IHC-P, Mouse)

Lin S, Ho W, Wang Y et al. Histone methyltransferase Suv39h1 attenuates high glucose-induced fibronectin and p21 WAF1 in mesangial cells *Int J Biochem Cell Biol.* 2016-06-29 [PMID: 27373678]

Blank M, Lerenthal Y, Mittelman L et al. Condensin I recruitment and uneven chromatin condensation precede mitotic cell death in response to DNA damage. *J Cell Biol* 2006-07-01 [PMID: 16847100]

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Products Related to NB100-1941

NBL1-09049	p21/CIP1/CDKN1A Overexpression Lysate
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
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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