

Product Datasheet

PLK2 Antibody - BSA Free NBP2-15078

Unit Size: 0.1 ml

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

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Updated 9/25/2025 v.20.1

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NBP2-15078

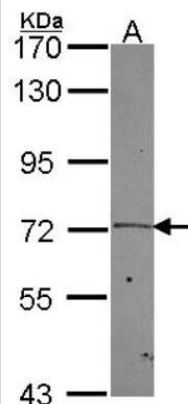
PLK2 Antibody - BSA Free

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	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS, 20% Glycerol
Target Molecular Weight	78 kDa
Product Description	
Description	Novus Biologicals Rabbit PLK2 Antibody - BSA Free (NBP2-15078) is a polyclonal antibody validated for use in IHC and WB. Anti-PLK2 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	10769
Gene Symbol	PLK2
Species	Human, Mouse
Reactivity Notes	Xenopus laevis (89%).
Immunogen	Recombinant protein encompassing a sequence within the center region of human PLK2. The exact sequence is proprietary.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000

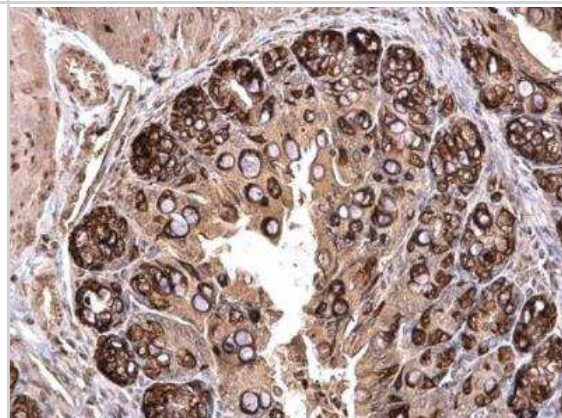


Images

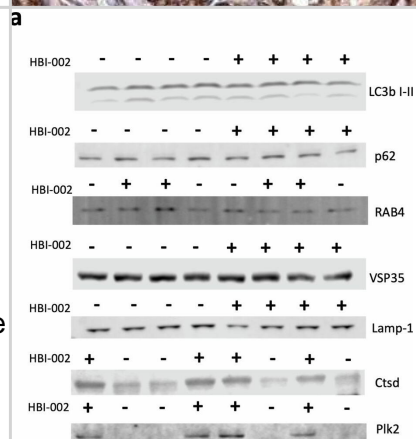
Western Blot: PLK2 Antibody [NBP2-15078] - Sample (30 ug of whole cell lysate) A: A549 7. 5% SDS PAGE; antibody diluted at 1:1000.



Immunohistochemistry-Paraffin: PLK2 Antibody [NBP2-15078] - Mouse colon, dilution: 1:500. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



HBI-002 effects on autophagy, lysosomes and cathepsin D. a Immunoblots of autophagy and lysosomal activity markers. b Quantification of autophagy and lysosomal activity markers. Ctsd ($p = 0.002$, $1-\beta = 0.99$, $N = 8$, 4 per group) and Plk2 ($p = 0.006$, $1-\beta = 0.99$, $N = 8$, 4 per group), all other markers $p > 0.05$. c Representative photomicrographs of sir-lysosome staining in SH-SY5Y human neuroblastomas. d Quantification of sir-lysosome staining $p = 0.0002$, $1-\beta = 0.95$, $N = 38$ cells, air treated $n = 23$, CO-treated $n = 14$. Error bars represent the mean \pm SEM. Data are statistically different from each other with *** $P < 0.001$. Image collected and cropped by CiteAb from the following open publication (<https://www.nature.com/articles/s41531-024-00763-6>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Publications

Rose KN, Zorlu M, Fassini A et Al. Neuroprotection of low dose carbon monoxide in Parkinson's disease models commensurate with the reduced risk of Parkinson's among smokers NPJ Parkinsons Dis 2024-08-22 [PMID: 39174550]



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 NBP2-15078

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

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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