

# Product Datasheet

## PCNA Antibody NBP1-32075

Unit Size: 0.1 ml

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

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 2

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**NBP1-32075**

## PCNA Antibody

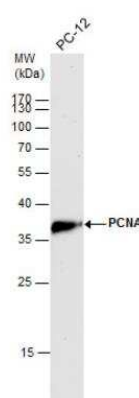
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS (pH 7), 20% Glycerol, 1% BSA
Target Molecular Weight	29 kDa

Product Description	
Host	Rabbit
Gene ID	5111
Gene Symbol	PCNA
Species	Human, Mouse, Rat, Drosophila, Golden Syrian Hamster
Reactivity Notes	Xenopus laevis (88%).
Marker	Proliferation Marker
Immunogen	Recombinant protein encompassing a sequence within the center region of human PCNA. The exact sequence is proprietary.

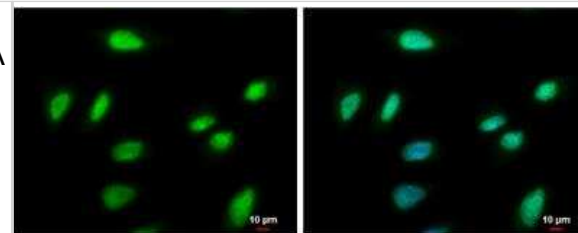
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation, In-situ Hybridization
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunoprecipitation 1:100-1:500, Immunohistochemistry-Paraffin 1:100-1:1000, Immunohistochemistry-Frozen 1:10 - 1:500, In-situ Hybridization

**Images**

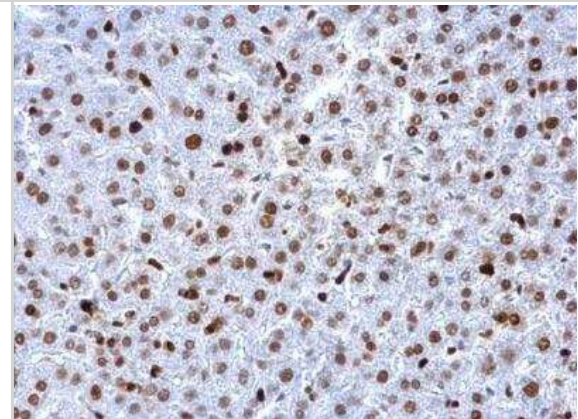
Western Blot: PCNA Antibody [NBP1-32075] - A. 30 ug PC-12 whole cell lysate/extract 12 % SDS-PAGE PCNA antibody dilution: 1:2500



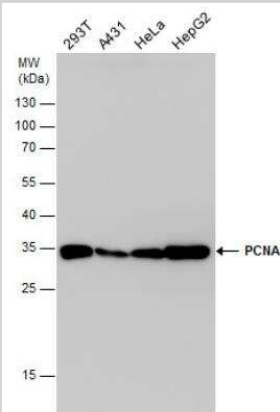
Immunocytochemistry/Immunofluorescence: PCNA Antibody [NBP1-32075] - HeLa cells were fixed in ice-cold MeOH for 5 min. Green: PCNA protein stained by PCNA antibody diluted at 1:1000. Blue: Hoechst 33342 staining. Scale bar = 10  $\mu$ m



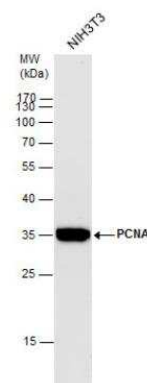
Immunohistochemistry-Paraffin: PCNA Antibody [NBP1-32075] - Mouse liver. PCNA antibody dilution: 1:500. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



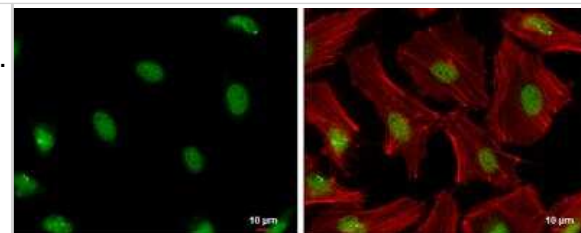
Western Blot: PCNA Antibody [NBP1-32075] - Various whole cell extracts (30  $\mu$ g) were separated by 12% SDS-PAGE, and the membrane was blotted with PCNA antibody diluted at a dilution of 1:2500.



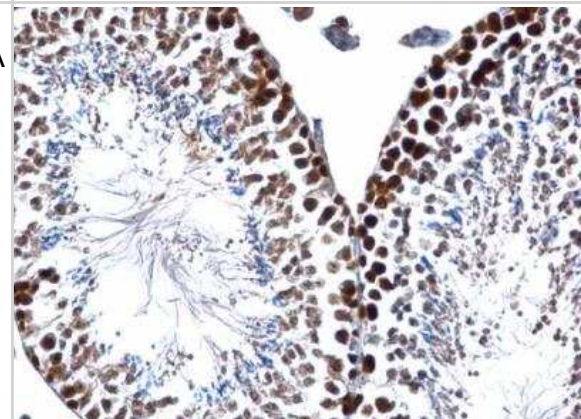
Western Blot: PCNA Antibody [NBP1-32075] - A. 30  $\mu$ g NIH-3T3 whole cell lysate/extract 12 % SDS-PAGE PCNA antibody dilution: 1:2500



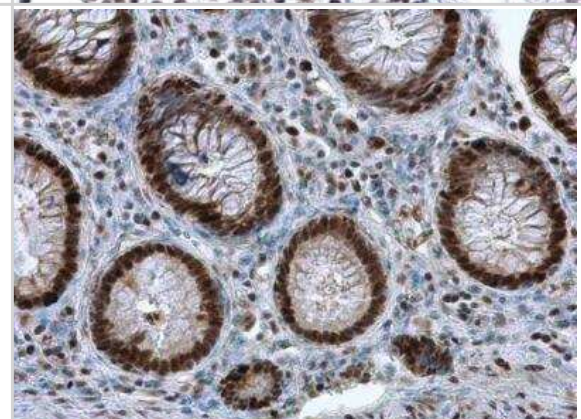
Immunocytochemistry/Immunofluorescence: PCNA Antibody [NBP1-32075] - HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: PCNA protein stained by PCNA antibody diluted at 1:500. Red: Phalloidin, a cytoskeleton marker, diluted at 1:200. Scale bar = 10  $\mu$ m.



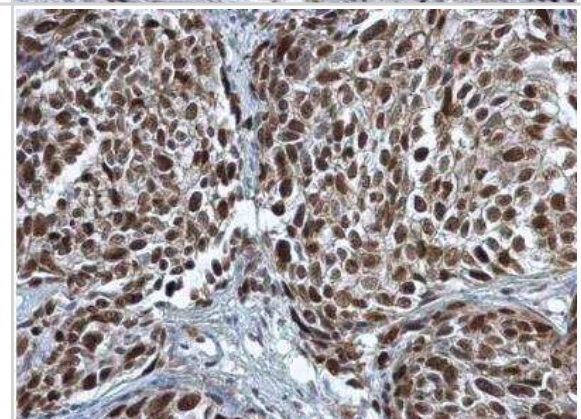
Immunohistochemistry-Paraffin: PCNA Antibody [NBP1-32075] - Mouse testis. PCNA antibody dilution: 1:500. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



Immunohistochemistry-Paraffin: PCNA Antibody [NBP1-32075] - Human colon. PCNA antibody diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.

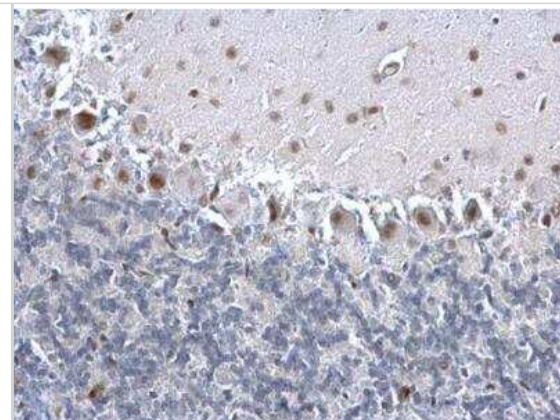


Immunohistochemistry-Paraffin: PCNA Antibody [NBP1-32075] - Human cervical carcinoma. PCNA antibody diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.

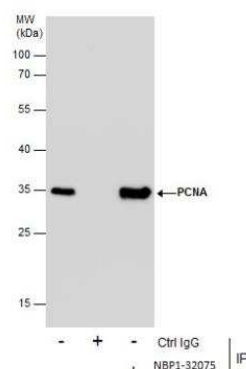




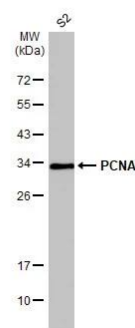
Immunohistochemistry-Paraffin: PCNA Antibody [NBP1-32075] - Rat hind brain. PCNA antibody dilution: 1:500. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



Immunoprecipitation: PCNA Antibody [NBP1-32075] - Immunoprecipitation of PCBP2 protein from HeLa whole cell extracts using 5 ug of PCBP2 antibody. Western blot analysis was performed using PCBP2 antibody. EasyBlot anti-Rabbit IgG was used as a secondary reagent.



Western Blot: PCNA Antibody [NBP1-32075] - Whole cell extract (30 ug) was separated by 12% SDS-PAGE, and the membrane was blotted with PCNA antibody (NBP1-32075) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



## Publications

Wang J, Pan Y, Wang M et al. Follicular fluid exosomes regulate OVGP1 secretion in yak oviduct epithelial cells via autophagy in vitro *Journal of cellular physiology* 2023-04-04 [PMID: 37013674]

Li CJ, Chu CY, Huang LH et al. Synergistic anticancer activity of triptolide combined with cisplatin enhances apoptosis in gastric cancer in vitro and in vivo. *Cancer Lett* 2012-06-01 [PMID: 22306340] (IF/IHC, Mouse)



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### Products Related to NBP1-32075

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBC1-18428	Recombinant Human PCNA Protein

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### 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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