

Product Datasheet

PCNA Antibody

NBP1-78105

Unit Size: 0.1 mg

Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.

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NBP1-78105

PCNA Antibody

Product Information

Unit Size	0.1 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Product Description

Description	This affinity purified antibody is directed against human PCNA protein. The product was affinity purified from monospecific antiserum by immunoaffinity chromatography Store vial at -20C prior to opening. Aliquot contents and freeze at -20C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.
Host	Rabbit
Gene ID	5111
Gene Symbol	PCNA
Species	Human
Reactivity Notes	A BLAST analysis was used to suggest cross reactivity with PCNA protein from human, monkey, dog, mouse, rat, bovine, chicken, fish and Xenopus based on 100% homology with the immunizing sequence. Reactivity against homologues from other sources is not known.
Marker	Proliferation Marker
Immunogen	This affinity purified PCNA Antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to an internal region of human PCNA protein. (Uniprot: P12004)
Notes	This affinity purified antibody is directed against human PCNA protein. The product was affinity purified from monospecific antiserum by immunoaffinity chromatography Store vial at -20C prior to opening. Aliquot contents and freeze at -20C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.

Product Application Details

Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 1:500-1:2000, ELISA 1:2000-1:8000

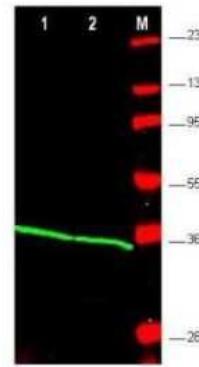
Application Notes

This affinity purified antibody has been tested for use in ELISA, immunoprecipitation, and western blot. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately 29-36 kDa in size corresponding to PCNA protein by western blotting in the appropriate cell lysate or extract.

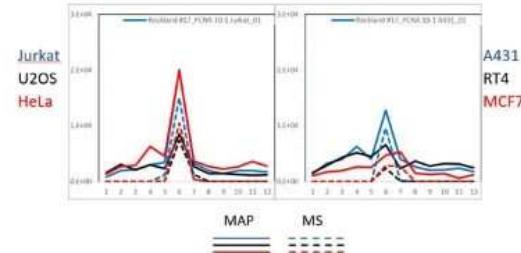
Images

Western Blot: PCNA Antibody [NBP1-78105] - Western blot using affinity purified anti-PCNA antibody shows detection of PCNA antibody. Lane 1: HEK293 whole cell extracts. Lane 2: Jurkat whole cell extracts.

Approximately 25ug of lysate was loaded per lane onto a 4-20% gradient gel followed by transfer to nitrocellulose. After blocking, the membrane was incubated with the primary antibody diluted to 1:1000. The membrane was washed and reacted with a 1:10,000 dilution of IRDye(R) 800 Conjugated Affinity Purified Goat-anti-Rabbit IgG [H&L] MX10 (800 nm channel, green). Molecular weight estimation was made by comparison to prestained MW markers indicated at the right (lane M, 700 nm channel, red). Other detection systems will yield similar results.



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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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