Note: Centrifuge before opening to ensure complete recovery of vial contents.

| Description |  |
| :--- | :--- |
| Reactivity | Human,Mouse,Rat |
| Immunogen | Recombinant Human Proliferating cell nuclear antigen protein |
| Host | Rabbit |
| Isotype | IgG |
| Purification | Antigen Affinity Purification |
| Conjugation | Unconjugated |
| Formulation | PBS with $0.05 \%$ Proclin300, 50\% glycerol, pH7.3. |
| Applications | Recommended Dilution |
| WB | $1: 500-1: 2000$ |
| IHC | $1: 50-1: 200$ |
| Data |  |



Western Blot analysis of HepG2, Hela, Raw264.7 Raji and MCF-7 cells using PCNA Polyclonal

Antibody at dilution of 1:500
Observed Mw: 34 IDa
Calculated Mw:28 kDa


Immunohistochemistry of paraffin-embedded Mouse testis using PCNA Polycloanl Antibody at dilution of 1:50


Immunohistochemistry of paraffin-embedded Human colon cancer using PCNA Polycloanl Antibody at dilution of 1:50


Immunohistochemistry of paraffin-embedded Rat testis using PCNA Polycloanl Antibody at dilution of 1:50

## Preparation \& Storage

Storage Store at $-20^{\circ} \mathrm{C}$. Avoid freeze / thaw cycles.

## Background

This protein is an auxiliary protein of DNA polymerase delta and is involved in the control of eukaryotic DNA replication by increasing the polymerase's processibility during elongation of the leading strand. Induces a robust stimulatory effect

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on the 3'-5' exonuclease and 3'-phosphodiesterase, but not apurinic-apyrimidinic (AP) endonuclease, APEX2 activities. Has to be loaded onto DNA in order to be able to stimulate APEX2.

