## **PCNA Polyclonal Antibody**

Catalog Number: E-AB-40413



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** Affinity purification

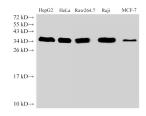
Conjugation Unconjugated

**Formulation** PBS with 0.05% Proclin300, 50% glycerol, pH7.3.

## **Applications** Recommended Dilution

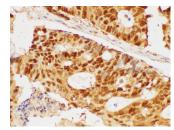
WB 1:500-1:2000 IHC 1:50-1:200

#### Data

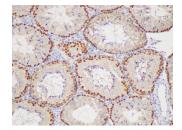


Western Blot analysis of HepG2, Hela, Raw264.7 Raji and MCF-7 cells using PCNA Polyclonal Antibody at dilution of 1:500

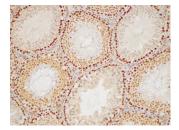
Observed Mw:34 lDa Calculated Mw:28 kDa



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



Immunohistochemistry of paraffin-embedded Mouse testis 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°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

#### For Research Use Only

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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.

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