

# PCNA Polyclonal Antibody

Catalog No: tcba193



## Available Sizes

**Size:** 50ul

**Size:** 100ul

**Size:** 200ul



## Specifications

**Application:**

WB,IHC,IF

**Research Area:**

Cancer,Stem cells,Cell cycle,Tumor biomarkers,Cell Biology,DNA methylation,DNA Damage/Repair,

**Species Reactivity:**

Human,Mouse,Rat

**Host Species:**

Rabbit

**Isotype:**

IgG

**Form:**

Liquid

**Storage Buffer:**

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Recommended Dilution:**

WB 1:500 - 1:2000

IHC 1:50 - 1:200

IF 1:50 - 1:200

#### Storage Instruction:

Store at -20°C. Avoid freeze / thaw cycles.

#### Alternative Names:

ATLD2

#### SwissProt:

P12004

#### Gene ID:

5111 (human);

#### Calculated Molecular Weight:

28kDa

#### Purification:

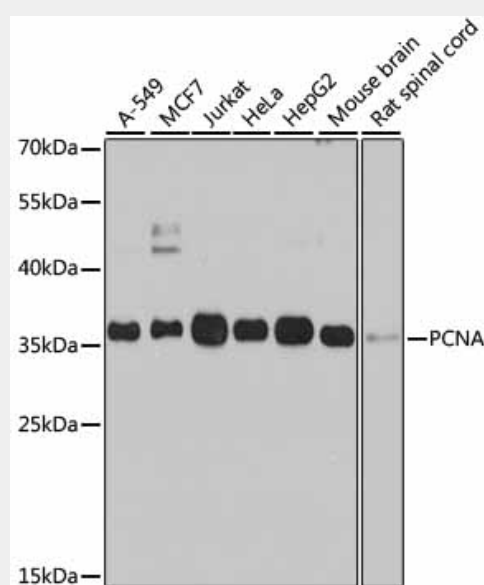
Affinity purification

#### Cellular Location:

Nucleus,

### Product Description

The protein encoded by this gene is found in the nucleus and is a cofactor of DNA polymerase delta. The encoded protein acts as a homotrimer and helps increase the processivity of leading strand synthesis during DNA replication. In response to DNA damage, this protein is ubiquitinated and is involved in the RAD6-dependent DNA repair pathway. Two transcript variants encoding the same protein have been found for this gene. Pseudogenes of this gene have been described on chromosome 4 and on the X chromosome.



Western blot analysis of extracts of various cell lines, using PCNA antibody at 1:1000 dilution.

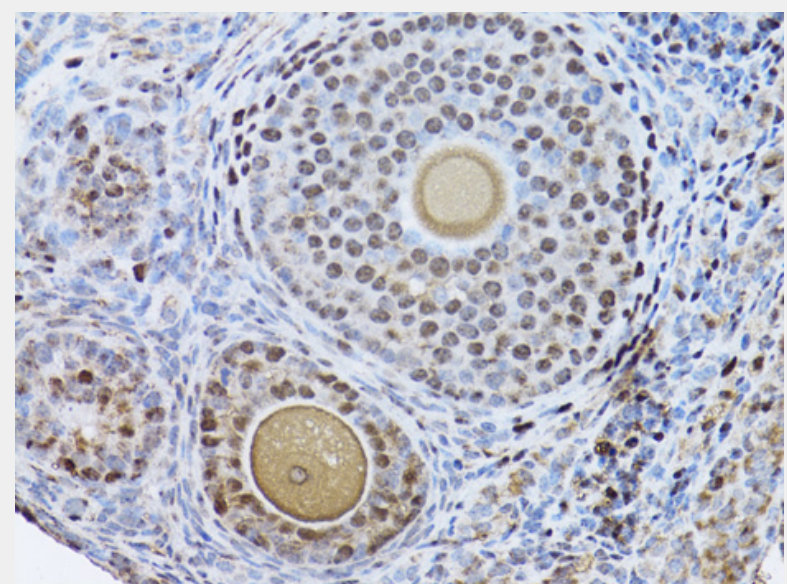
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

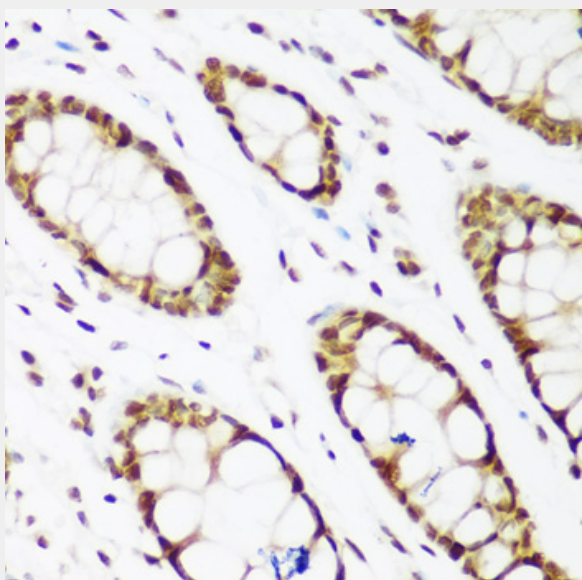
Detection: ECL Basic Kit.

Exposure time: 60s.

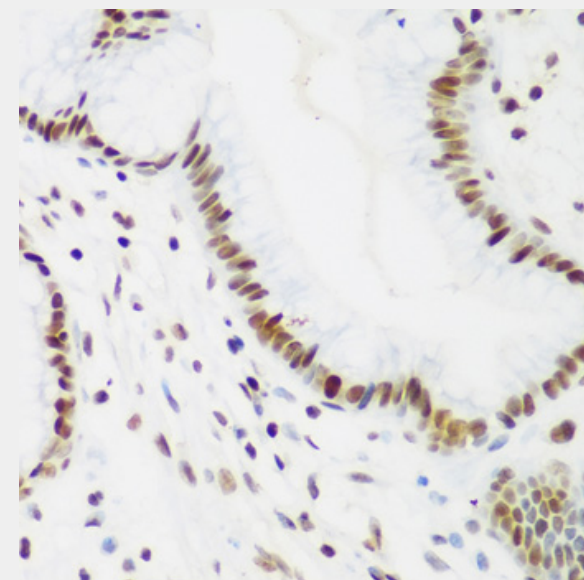


Immunohistochemistry of paraffin-embedded mouse ovary using PCNA antibody at dilution of 1:100 (40x lens).

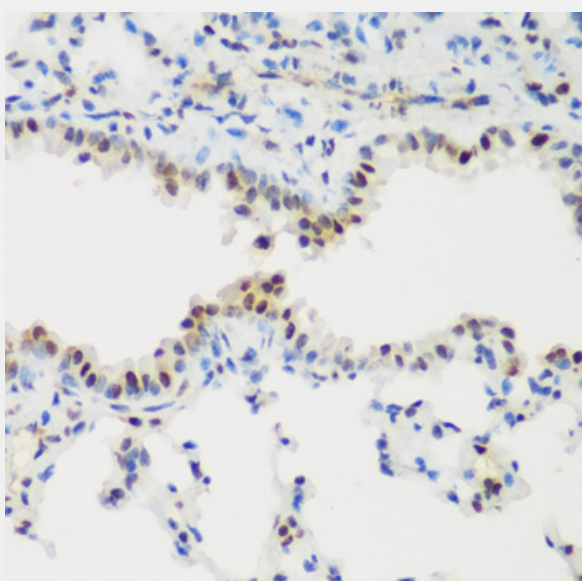




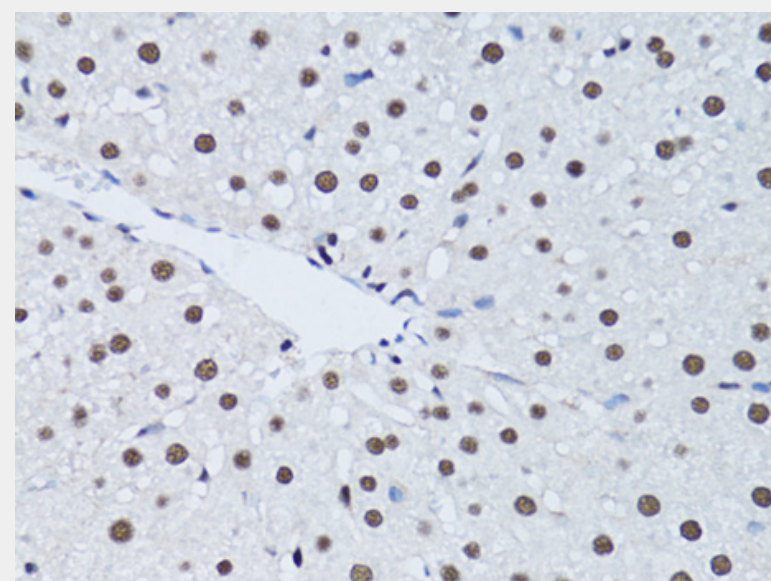
Immunohistochemistry of paraffin-embedded human colon using PCNA antibody at dilution of 1:200 (40x lens).



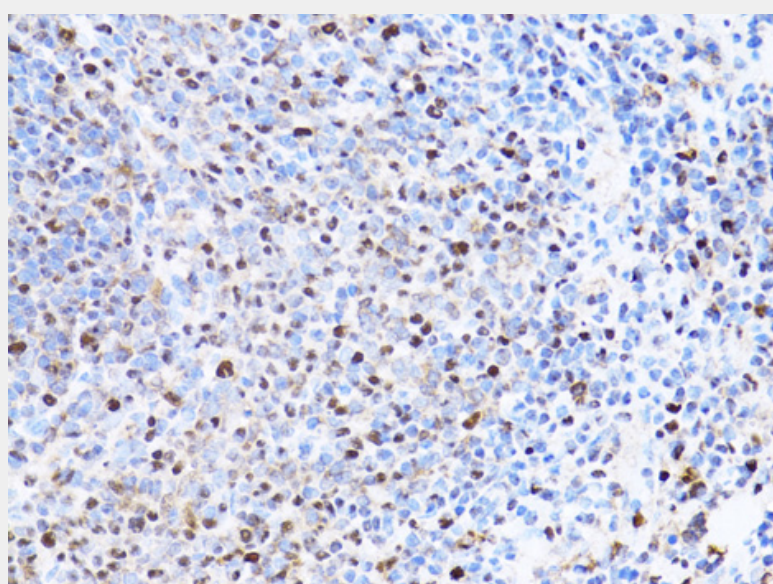
Immunohistochemistry of paraffin-embedded human gastric using PCNA antibody at dilution of 1:200 (40x lens).



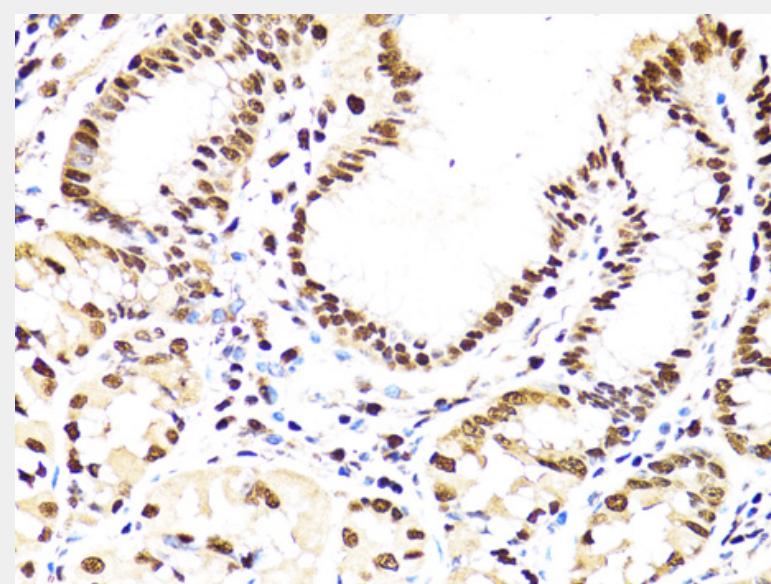
Immunohistochemistry of paraffin-embedded mouse lung using PCNA antibody at dilution of 1:200 (40x lens).



Immunohistochemistry of paraffin-embedded rat liver using PCNA antibody at dilution of 1:100 (40x lens).

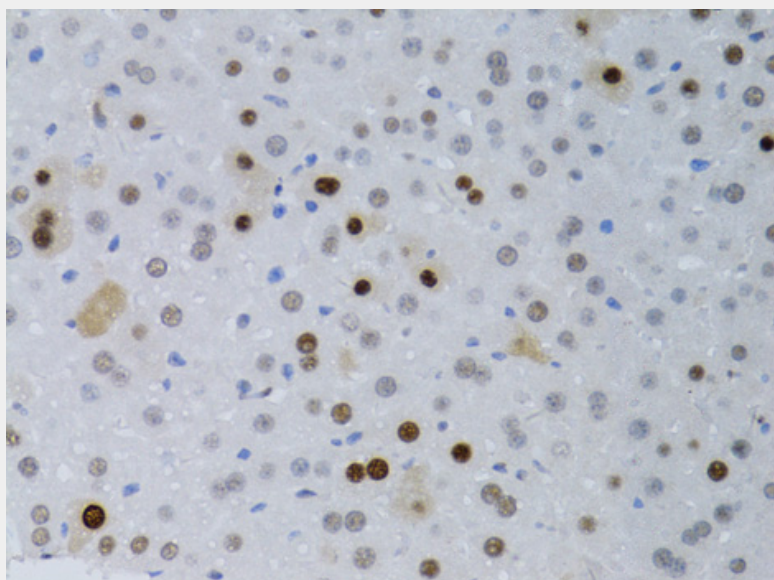


Immunohistochemistry of paraffin-embedded rat spleen using PCNA antibody at dilution of 1:100 (40x lens).

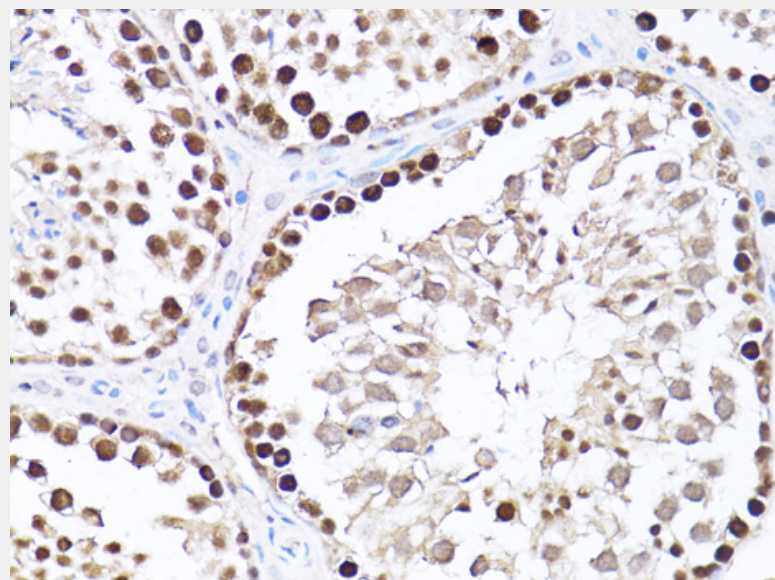


Immunohistochemistry of paraffin-embedded human stomach using PCNA antibody at dilution of 1:100 (40x lens).





Immunohistochemistry of paraffin-embedded mouse liver using PCNA antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse testis using PCNA antibody at dilution of 1:100 (40x lens).

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