

PCNA Rabbit Polyclonal Antibody



CAB0264

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

36kDa

Calculated MW:

28kDa

Applications:

WB IHC IF IP

Reactivity:

Human, Mouse, Rat

Protein Background

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.

Immunogen information

Gene ID:

5111

Uniprot

P12004

Synonyms:

PCNA; ATLD2

Antibody Information

Recommended dilutions:

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

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

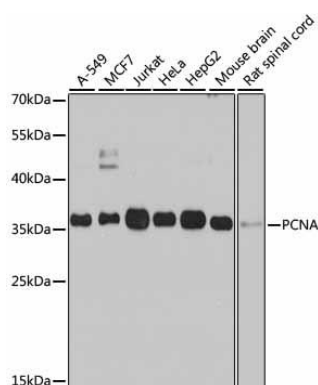
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-261 of human PCNA (NP_002583.1).

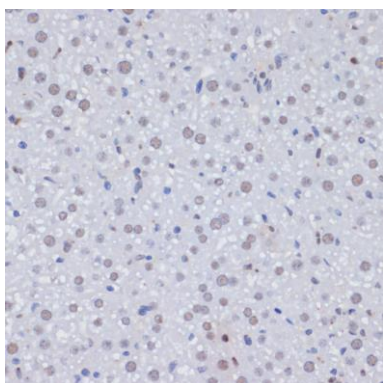
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

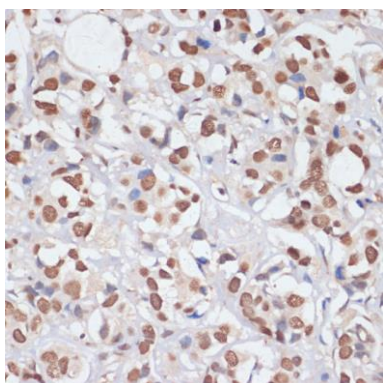
Product Images



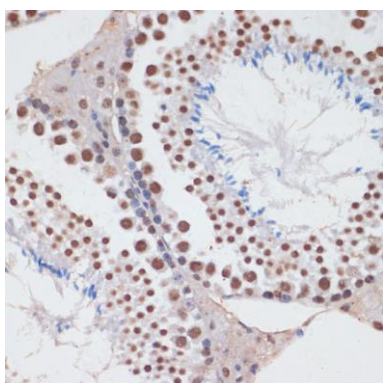
Western blot analysis of extracts of various cell lines, using PCNA antibody (CAB0264) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 60s.



Immunohistochemistry of paraffin-embedded rat liver using PCNA antibody (CAB0264) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human breast cancer using PCNA antibody (CAB0264) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse testis using PCNA antibody (CAB0264) at dilution of 1:100 (40x lens).