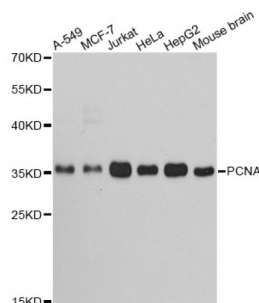


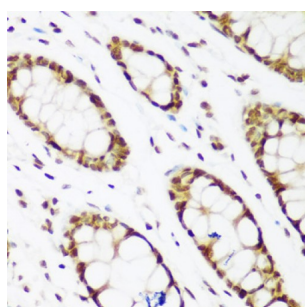
Abbexa Ltd, Innovation Centre, Cambridge Science Park, Cambridge, CB4 0EY, UK
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Proliferating Cell Nuclear Antigen (PCNA) Antibody

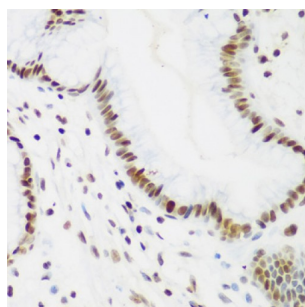
Catalogue No.: abx000649



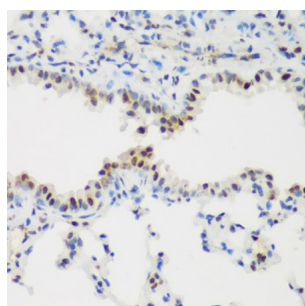
Western blot analysis of extracts of various cell lines, using PCNA antibody (abx000649) at 1/1000 dilution.



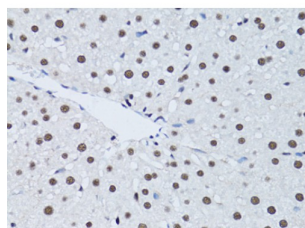
Immunohistochemistry of paraffin-embedded human colon using PCNA antibody (abx000649) at dilution of 1/200 (40x lens).



Immunohistochemistry of paraffin-embedded human gastric using PCNA antibody (abx000649) at dilution of 1/200 (40x lens).

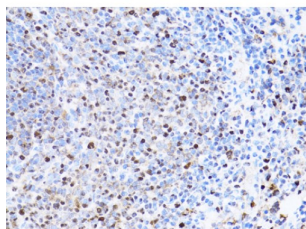


Immunohistochemistry of paraffin-embedded mouse lung using PCNA antibody (abx000649) at dilution of 1/200 (40x lens).

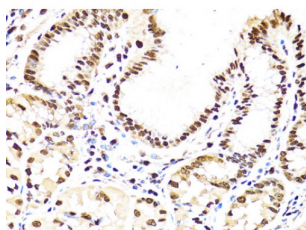


Immunohistochemistry of paraffin-embedded rat liver using PCNA antibody (abx000649) at dilution of 1/100 (40x lens).

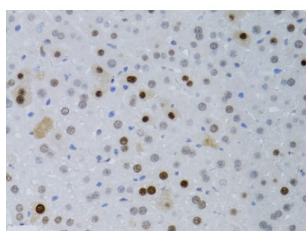
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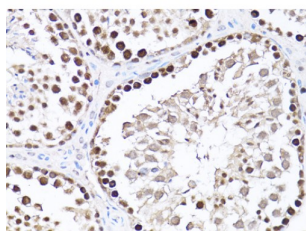
Immunohistochemistry of paraffin-embedded rat spleen using PCNA antibody (abx000649) at dilution of 1/100 (40x lens).



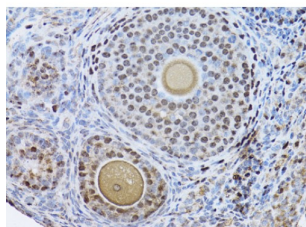
Immunohistochemistry of paraffin-embedded human stomach using PCNA antibody (abx000649) at dilution of 1/100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse liver using PCNA antibody (abx000649) at dilution of 1/100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse testis using PCNA antibody (abx000649) at dilution of 1/100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse ovary using PCNA antibody (abx000649) at dilution of 1/100 (40x lens).

PCNA Antibody is a Rabbit Polyclonal antibody against PCNA. 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.

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Pseudogenes of this gene have been described on chromosome 4 and on the X chromosome.

Target: Proliferating Cell Nuclear Antigen (PCNA)

Reactivity: Human, Mouse, Rat

Host: Rabbit

Clonality: Polyclonal

Tested Applications: WB, IHC

Recommended dilutions: WB: 1/500 - 1/2000, IHC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.

Immunogen: Recombinant protein of human PCNA.

Purification: Affinity purified.

Form: Liquid

Isotype: IgG

Conjugation: Unconjugated

Storage: Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.

Molecular Weight: Calculated MW: 28 kDa
Observed MW: 35 kDa

Swiss Prot: [P12004](#)

GeneID: [5111](#)

Gene Symbol: PCNA

Concentration: > 1 mg/ml

Buffer: PBS, pH 7.3, 0.02% sodium azide, 50% glycerol.

Note: This product is for research use only.