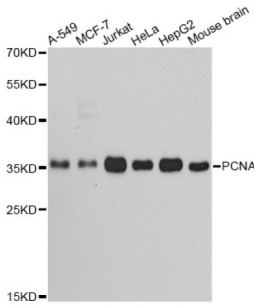
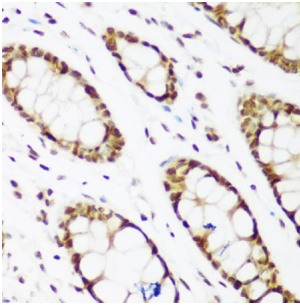


Proliferating Cell Nuclear Antigen (PCNA) Antibody

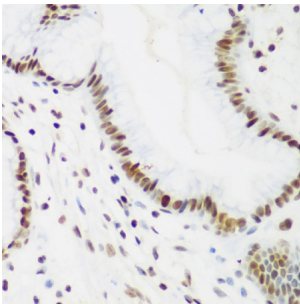
Catalogue No.: abx000649



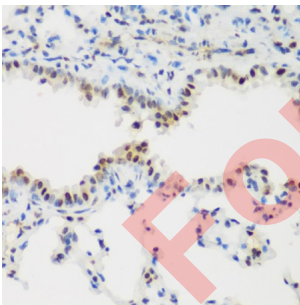
Western blot analysis of extracts of various cell lines, using PCNA antibody (abx000649) at 1/1000 dilution.



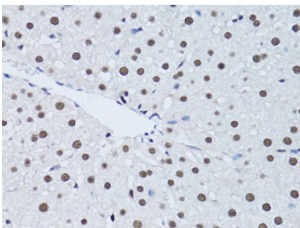
Immunohistochemistry of paraffin-embedded human colon using PCNA antibody (abx000649) at dilution of 1/200 (40x lens).



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).

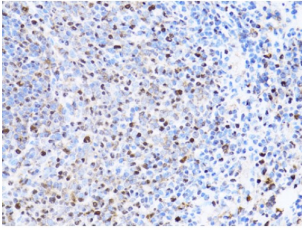


Immunohistochemistry of paraffin-embedded rat liver using PCNA antibody (abx000649) at dilution of 1/100 (40x lens).

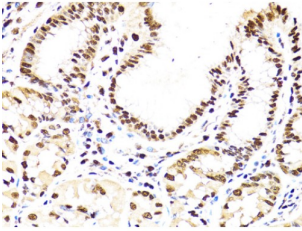
Datasheet

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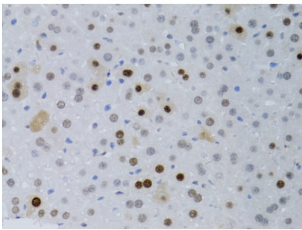
Revision date: 19 Jan 2025



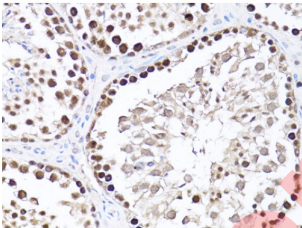
Immunohistochemistry of paraffin-embedded rat spleen using PCNA antibody (abx000649) at dilution of 1/100 (40x lens).



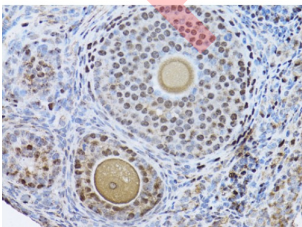
Immunohistochemistry of paraffin-embedded human stomach using PCNA antibody (abx000649) at dilution of 1/100 (40x lens).



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)
Clonality:	Polyclonal
Reactivity:	Human, Mouse, Rat
Tested Applications:	WB, IHC
Host:	Rabbit
Recommended dilutions:	WB: 1/500 - 1/2000, IHC-P: 1/50 - 1/200. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 162-261 of human PCNA.
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P12004 (UniProt , ExPASy)
Gene Symbol:	PCNA
GeneID:	5111
NCBI Accession:	NP_002583.1
KEGG:	hsa:5111
String:	9606.ENSP00000368458
Molecular Weight:	Calculated MW: 29 kDa Observed MW: 34 kDa
Buffer:	PBS, pH 7.3, containing 0.05% Proclin-300, 50% glycerol.
Concentration:	> 0.2 mg/ml

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Note: This product is for research use only.

For Reference Only