

A0264

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## PCNA Rabbit pAb

Catalog No.: A0264

93 Publications

### Basic Information

#### Observed MW

34kDa

#### Calculated MW

29kDa

#### Category

Mouse Monoclonal Antibody

#### Applications

WB, IHC-P, ELISA

#### Cross-Reactivity

Human, Mouse, Rat

### 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.

### Recommended Dilutions

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

### Immunogen Information

#### Gene ID

5111

#### Swiss Prot

P12004

#### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 162-261 of human PCNA (NP\_002583.1).

#### Synonyms

ATLD2; PCNA

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

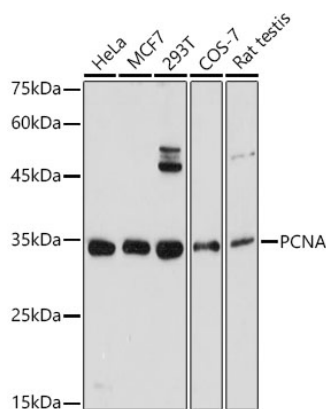
Affinity purification

#### Storage

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

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

## Validation Data



Western blot analysis of extracts of various cell lines, using PCNA antibody (A0264) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.

