

PCNA

Reactivity: Human Mouse Rat

Tested applications: WB IHC IF FC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:20 - 1:50 FC 1:20 - 1:50

Calculated MW: 29kDa

Observed MW: Refer to figures

Immunogen:

A synthetic peptide of human PCNA

Storage Buffer:

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

e

Synonym:

ATLD2;

Catalog #: A4006

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 5111

Isotype: IgG

Swiss Prot: P12004

Purity: Affinity purification

For research use only.

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.

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