

PCNA Polyclonal Antibody

Catalog No.	A13336	Category	Polyclonal Antibodies
Applications	WB, IF	Observed MW	36kDa
Cross-reactivity	Human, Mouse, Rat	Calculated MW	28kDa

Immunogen Information

Immunogen	Recombinant protein of human PCNA
Gene ID	5111
Swiss prot	P12004
Synonyms	PCNA; ATLD2; proliferating cell nuclear antigen

Product information

Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

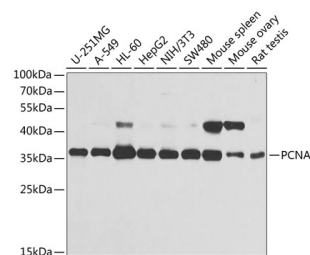
Background

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.

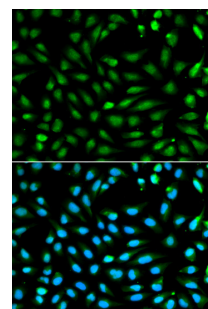
Recommended Dilutions

WB 1:500 -
1:2000

IF 1:50 -
1:200



Western blot - PCNA Polyclonal Antibody (A13336)



Immunofluorescence - PCNA Polyclonal Antibody (A13336)