

Datasheet for ABIN7443113  
**anti-PCNA antibody (AA 6-261)**

## 7 Images

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## Overview

Quantity:	100 µL
Target:	PCNA
Binding Specificity:	AA 6-261
Reactivity:	Human, Mouse, Rat, Pig, Dog, Rabbit, Rhesus Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PCNA antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Polyclonal Antibody to Proliferating Cell Nuclear Antigen (PCNA)
Immunogen:	Recombinant Proliferating Cell Nuclear Antigen (PCNA) corresponding to Leu6~Ser261 with N-terminal His and GST Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against PCNA. It has been selected for its ability to recognize PCNA in immunohistochemical staining and western blotting.
Cross-Reactivity:	Chicken, Cow, Dog, Goat, Guinea Pig, Horse, Mouse, Pig, Rat, Sheep
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

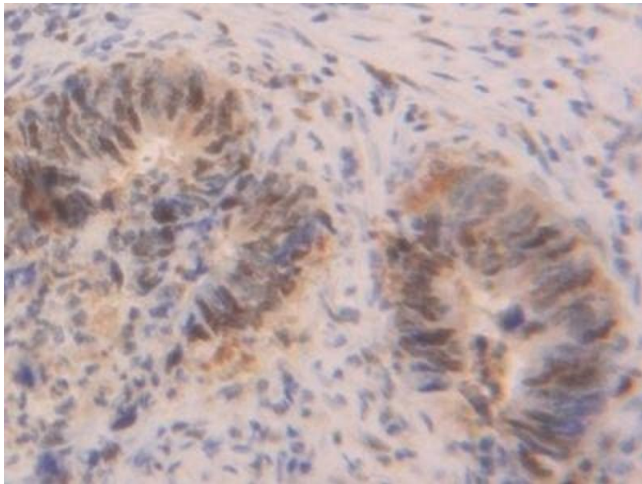
Target:	PCNA
Alternative Name:	Proliferating Cell Nuclear Antigen ( <a href="#">PCNA Products</a> )
Background:	Cyclin
Pathways:	<a href="#">Telomere Maintenance</a> , <a href="#">DNA Damage Repair</a> , <a href="#">Mitotic G1-G1/S Phases</a> , <a href="#">DNA Replication</a> , <a href="#">Synthesis of DNA</a> , <a href="#">Autophagy</a>

## Application Details

Application Notes:	Western blotting: 0.5-3 µg/mL Immunohistochemistry: 5-30 µg/mL Immunocytochemistry: 5-30 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

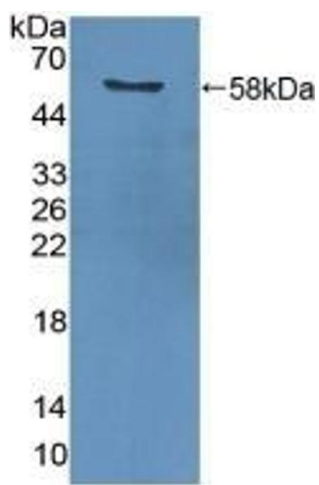
## Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



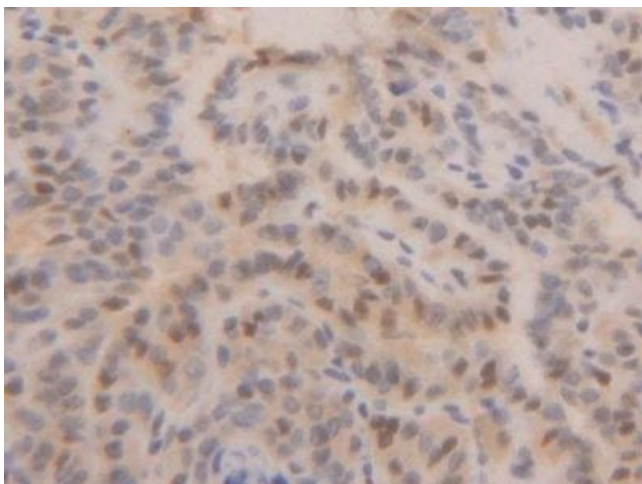
#### Immunohistochemistry

**Image 1.** Detection of PCNA in Human Colorectal cancer Tissue using Polyclonal Antibody to Proliferating Cell Nuclear Antigen (PCNA)



#### Western Blotting

**Image 2.** Detection of Recombinant PCNA using Polyclonal Antibody to Proliferating Cell Nuclear Antigen (PCNA)



#### Immunohistochemistry

**Image 3.** Detection of PCNA in Human Thyroid cancer Tissue using Polyclonal Antibody to Proliferating Cell Nuclear Antigen (PCNA)

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN7443113.