

Datasheet for ABIN1049498  
**anti-PCNA antibody (AA 111-122)**



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4 Images

## Overview

Quantity:	100 µg
Target:	PCNA
Binding Specificity:	AA 111-122
Reactivity:	Human, Mouse, Rat, Pig
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This PCNA antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

## Product Details

Purpose:	PCNA (aa111-122)
Immunogen:	Peptide with sequence C-EAPNQEKVSDYE, from the internal region of the protein sequence according to NP_002583.1.
Sequence:	EAPNQEKVSD YE
Isotype:	IgG
Specificity:	Reported variants represent identical protein: NP_872590.1, NP_002583.1
Cross-Reactivity:	Cow, Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

## Target Details

Target:	PCNA
Alternative Name:	PCNA ( <a href="#">PCNA Products</a> )
Background:	PCNA, proliferating cell nuclear antigen, MGC8367, DNA polymerase delta auxiliary protein, OTTHUMP00000030189, OTTHUMP00000030190, cyclin
Gene ID:	5111, 18538, 25737
NCBI Accession:	<a href="#">NP_002583</a>
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:	<p>Immunohistochemistry: Paraffin embedded Human Tonsil. Recommended concentration: 2.5 µg/mL.</p> <p>Western Blot: Approx 30 kDa band observed in lysates of cell line Jurkat (calculated MW of 28.8 kDa according to Human NP_002583.1). Approx.35 kDa band was observed in lysates of cell line NIH3T3 and in Mouse and Rat Testis, and approx 33 kDa in Pig Spleen</p> <p>Peptide ELISA: antibody detection limit dilution 1:128000.</p>
Comment:	<b>Additional validation:</b> This antibody has been successfully used in the following paper: Sikorski et al. (2018) PMID: 30377371.
Restrictions:	For Research Use only

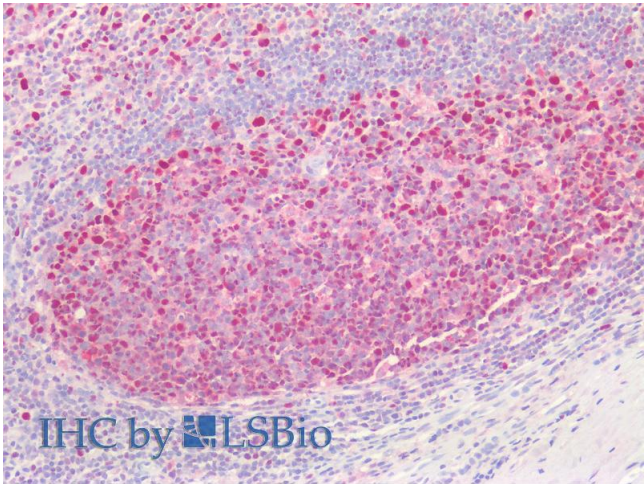
## Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C

Handling

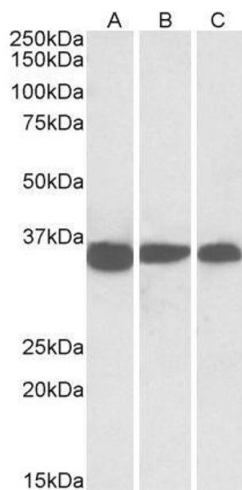
Storage Comment: Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Images



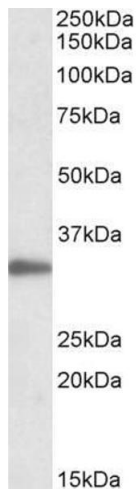
Immunohistochemistry

**Image 1.** ABIN1049498 (2.5µg/ml) staining of paraffin embedded Human Tonsil. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Western Blotting

**Image 2.** ABIN5539571 (0.03µg/ml) staining of NIH3T3 (A), Mouse Testis (B) and Rat Testis (C) lysates (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Western Blotting

**Image 3.** ABIN1049498 (0.05µg/ml) staining of Jurkat lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN1049498.