

AbboMax, Inc

Innovation at Work

RABBIT ANTI PCNA

(Proliferating Cell Nuclear Antigen)

ANTIGEN PREPARATION

Recombinant human PCNA protein

PURIFICATION

The Rabbit polyclonal antibody is purified by Affinity Purification

FORMULATION

This affinity purified antibody is supplied in sterile Phosphate-buffered saline (pH7.2) containing antibody stabilizer.

STORAGE

The antibodies are stable for 12 months from date of receipt when stored at -20°C to -70°C .

SPECIFICITY

Expression of proliferating cell nuclear antigen (PCNA) or cyclin or polymerase delta auxiliary protein is elevated in the nucleus during late G1 phase immediately before the onset of DNA synthesis, becoming maximal during S-phase and declining during G2 and M phases. PCNA/cyclin may act as an auxiliary protein of DNA polymerase-delta to play a fundamental role in the initiation of cell proliferation. This antibody recognizes human PCNA. The other species are not tested.

APPLICATIONS AND SUGGESTED WORKING DILUTIONS

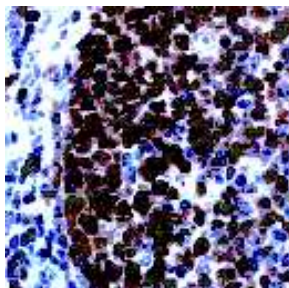
Western Blot	0.1-1 $\mu\text{g}/\text{ml}$
ELISA	Not tested
Immunoprecipitation	Not tested
IHC	2-5 $\mu\text{g}/\text{ml}$
Flow cytometry	Not tested

Optimal dilutions should be determined by researchers for the specific applications.

MOLECULAR WEIGHT: 29 kDa

POSITIVE CONTROL: Tonsil, lymph node, or small intestine

CELLULAR LOCATION: Nuclear



Human Tonsil tissue stained with Anti-PCNA antibody, (Cat# 500-2854 at 1:200 for 10 min @ RT. Staining of formalin-fixed tissue requires boiling tissue sections in 10 mM Citrate Buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min.

FOR RESEARCH USE ONLY.

Order Information

Description: Rabbit anti PCNA
Catalogue#: 500-2854
Lot#: See the label
Size: 100 $\mu\text{g}/200 \mu\text{l}$
Host: Rabbit
Clone: N/A
Application: WB, IHC-P
Reactivity: Hu