

ATAGENIX LABORATORIES

Catalog Number:ATPA00015Rb Anti PCNA Polyclonal Antibody

Product overview

product name Anti PCNA Polyclonal Antibody

catalog No. ATPA00015Rb

Category Primary antibody

Host Rabbit

Species specificity Human, Rat, Mouse

Tested applications WB

Clonality Polyclonal

Clone No. /

Conjugation Unconjugated

Immunogen Recombinant protein of human PCNA(Met1~Ser261).

Alternative Names Proliferating cell nuclear antigen, Cyclin.

Uniprot ID P12004

Product performance

Form Liquid

Buffer Supplied as solution form in PBS, pH7.4, containing 0.02% NaN3, 50% glycerol.

Storage Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 4 °C

for frequent use. Store at -20 to -80 °C for twelve months from the date of receipt.

Concentration 0.5mg/ml

Isotype IgG

MW 30kDa

Purity Antigen affinity purification

Dilution range

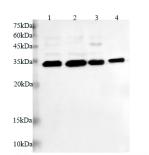
WB: 1:1000-1:4000

Product experiment picture



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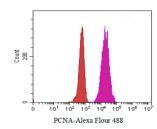


Lysate:20µg/ml Lane 1:HeLa cell line Lane 2:HEK293 cell line Lane 3:A549

Lane 4:mouse liver

Predicted band size:29kDa Observed band size:29kDa





 $1\times10^6\,$ THP-1 cells were stained with 1:100 PCNA antibody (purple) and control antibody (red). Fixed with 4% PFA blocked with BSA (30min). Alexa Fluor 488-conjugated AffiniPure Goat anti-rabbit IgG(H+L) with dilution 1:100.

Product background

Proliferating Cell Nuclear Antigen, commonly known as PCNA, is a protein that acts as a processivity factor for DNA polymerase δ in eukaryotic cells. This protein is an auxiliary protein of DNA polymerase delta and is involved in the control of eukaryotic DNA replication by increasing the polymerase's processibility during elongation of the leading strand.