PCNA Polyclonal Antibody

catalog number: **E-AB-40413**

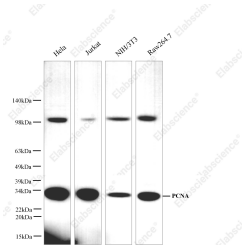
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human Proliferating cell nuclear antigen protein
Host	Rabbit
Isotype	Rabbit IgG
Purification	Antigen Affinity Purification
Buffer	PBS with 0.05% Proclin300, 1% protective protein and 50% glycerol, pH7.4

Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:50-1:200

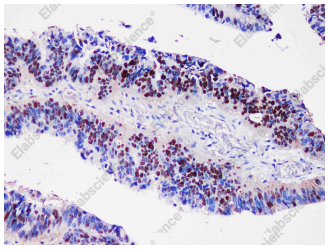
Data



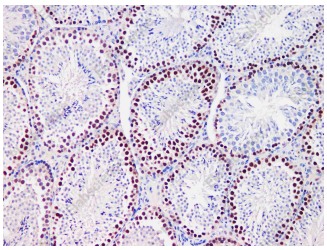
Western blot with Anti PCNA Monoclonal Antibody at dilution of 1:1000. Lane 1:Hela cell lysate,Lane 2:Jurkat cell lysate, Lane 3:NIH/3T3 cell lysate,Lane 4:Raw264.7 cell lysate.

Observed-MW:34 kDa

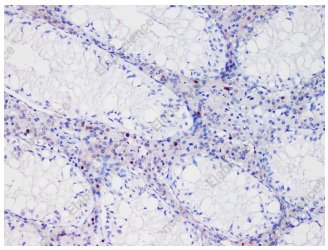
Calculated-MW:28 kDa



Immunohistochemistry of paraffin-embedded Human colon cancer using PCNA Polyclonal Antibody at dilution of 1:100.



Immunohistochemistry of paraffin-embedded Mouse testis using PCNA Polyclonal Antibody at dilution of 1:100.



Immunohistochemistry of paraffin-embedded Rat testis using PCNA Polyclonal Antibody at dilution of 1:100.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

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. Induces a robust stimulatory effect on the 3'-5' exonuclease and 3'-phosphodiesterase, but not apurinic-apyrimidinic (AP) endonuclease, APEX2 activities. Has to be loaded onto DNA in order to be able to stimulate APEX2.

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