PCNA Polyclonal Antibody

Catalog Number:E-AB-70285

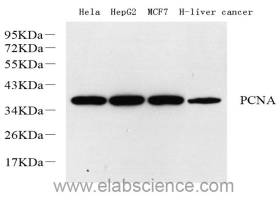
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

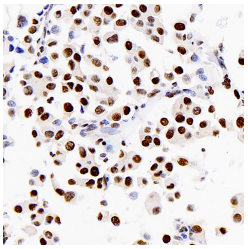
Reactivity	Human,Mouse,Rat
Immunogen	Recombinant protein corresponding to Mouse PCNA
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH7.4

Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:500-1:1000

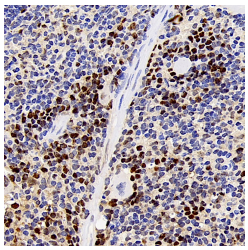
Data



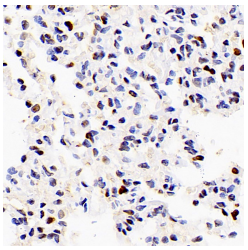
Western Blot analysis of various samples using Proliferating Cell Nuclear Antigen Polyclonal Antibody at dilution of 1:1000.
Observed Mw:36kDa
Calculated Mw:36kDa



Immunohistochemistry analysis of paraffin-embedded human lung cancer using Proliferating Cell Nuclear Antigen Polyclonal Antibody at dilution of 1:1000.



Immunohistochemistry analysis of paraffin-embedded Mouse spleen using Proliferating Cell Nuclear Antigen Polyclonal Antibody at dilution of 1:1000.



Immunohistochemistry analysis of paraffin-embedded Rat lung using Proliferating Cell Nuclear Antigen Polyclonal Antibody at dilution of 1:1000.

Preparation & Storage

Storage	Store at -20℃. Avoid freeze / thaw cycles.

Background

Proliferating Cell Nuclear Antigen,commonly known as PCNA,is a protein that acts as a processivity factor for DNA

For Research Use Only

A Reliable Research Partner in Life Science and Medicine

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017

Web: www.elabscience.com Email: techsupport@elabscience.com

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. PCNA induces a robust stimulatory effect on the 3'-5' exonuclease and 3'-phosphodiesterase,but not apurinic-apyrimidinic (AP) endonuclease,APEX2 activities. It has to be loaded onto DNA in order to be able to stimulate APEX2. PCNA protein is highly conserved during evolution; the deduced amino acid sequences of rat and human differ by only 4 of 261 amino acids. PCNA has been used as loading control for proliferating cells.

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017

Web: www.elabscience.com Email: techsupport@elabscience.com