

Nur für Forschungszwecke

PCNA Monoklonaler Antikörper

Katalog-Nr.:HRP-60097

1 Publikationen



Allgemeine Informationen

| | | |
|---|--|--|
| Katalog-Nr.: HRP-60097 | GenBank-Zugangsnummer: BC000491 | Reinigungsmethode: Protein-G-Reinigung |
| Größe: 100ul, Konzentration: 1000 µg/ml von 5111 Nanodrop und 1000 µg/ml durch die Bradford-Methode mit BSA als Standard; | GeneID (NCBI): 5111 | CloneNo.: 10D10E11 |
| Wirt: Maus | Vollständiger Name: proliferating cell nuclear antigen | Empfohlene Verdünnungen: WB 1:5000-1:50000 |
| Isotyp: IgG1 | Berechnete Masse: 29 kDa/31 kDa | |
| Immunogen Katalognummer: AG7416 | Beobachtete Masse: 36-38 kDa | |

Anwendungen

| | |
|--|---|
| Geprüfte Anwendungen: WB | Positivkontrollen: WB : HEK-293-Zellen, |
| In Publikationen genannte Anwendungen: WB | |
| Getestete Reaktivität: Hausschwein, Human, Maus, Ratte | |
| Zitierte Arten: Maus | |

Hintergrundinformationen

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. 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. The calculated molecular weight of PCNA is 29 kDa, but modified PCNA is 36kDa (PMID: 1358458).

Bemerkenswerte Veröffentlichungen

| Verfasser | Pubmed ID | Journal | Anwendung |
|-------------|-----------|----------------|-----------|
| Ha T Nguyen | 36468795 | Mol Reprod Dev | WB |

Lagerung

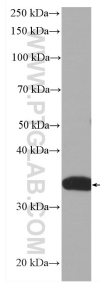
Lagerungsbedingungen:
Bei -20°C lagern. Vor Licht schützen. Nach dem Versand ein Jahr stabil.
Lagerungspuffer:
BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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Ausgewählte Validierungsdaten



HEK-293 cells were subjected to SDS PAGE followed by western blot with HRP-60097 (PCNA antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.