

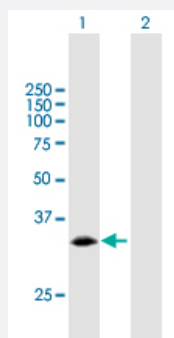
MaxPab®

PCNA purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00005111-B01P

Size 50 ug

Applications

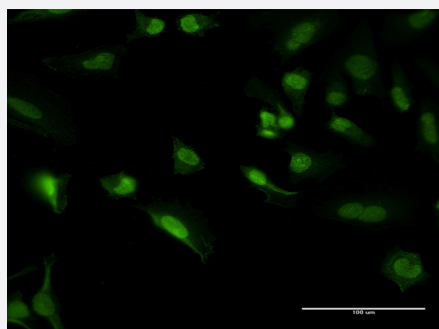


Western Blot (Transfected lysate)

Western Blot analysis of PCNA expression in transfected 293T cell line ([H00005111-T02](#)) by PCNA MaxPab polyclonal antibody.

Lane 1: PCNA transfected lysate(28.80 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to PCNA on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human PCNA protein.

Immunogen

PCNA (NP_002583.1, 1 a.a. ~ 261 a.a) full-length human protein.

Sequence

MFEARLVQGSILKKVLEALKDLINEACWDISSSGVNLQSMDSHVSLVQLTLRSEGFDTYRCDRN
LAMGVNLTSMKILKCAGNEDIITLRAEDNADTLALVFEAPNQEKVSDYEMKLMDL DVEQLGIPEQ
EYSCVVKMPSGEFARICRDL SHIGDAVVISCAKDGVKFSASGELGNGNIKLSQTSNVDKEEEAVTI
EMNEPVQLTFALRYLNFFTKATPLSSTVTLSMSADVPLVVEYKIADMGHLKYYLAPKIEDEEGS

Host

Mouse

Reactivity

Human

Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to PCNA on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — PCNA

Entrez GeneID	5111
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GeneBank Accession#	NM_002592.2
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Protein Accession#	NP_002583.1
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Gene Name	PCNA
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Gene Alias	MGC8367
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Gene Description	proliferating cell nuclear antigen
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Omim ID	176740
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Gene Ontology	Hyperlink
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Gene Summary	The protein encoded by this gene is found in the nucleus and is a cofactor of DNA polymerase delta. The encoded protein acts as a homotrimer and helps increase the processivity of leading strand synthesis during DNA replication. In response to DNA damage, this protein is ubiquitinated and is involved in the RAD6-dependent DNA repair pathway. Two transcript variants encoding the same protein have been found for this gene. Pseudogenes of this gene have been described on chromosome 4 and on the X chromosome. [provided by RefSeq]
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Other Designations	DNA polymerase delta auxiliary protein OTTHUMP00000030189 OTTHUMP00000030190 cyclin
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Pathway

- [Base excision repair](#)
- [Cell cycle](#)
- [DNA replication](#)
- [Mismatch repair](#)
- [Nucleotide excision repair](#)

Disease

- [Adenocarcinoma](#)
- [Ataxia telangiectasia](#)
- [Brain Neoplasms](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Colorectal Neoplasms](#)
- [Disease Progression](#)
- [DNA Damage](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Glioma](#)
- [Graft vs Host Disease](#)
- [Head and Neck Neoplasms](#)
- [Kidney Failure](#)
- [Laryngeal Neoplasms](#)

- [Lung Neoplasms](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Mouth Neoplasms](#)
- [Multiple Sclerosis](#)
- [Neuroma](#)
- [Ovarian Neoplasms](#)
- [Papillomavirus Infections](#)
- [Pharyngeal Neoplasms](#)
- [Pulmonary Disease](#)
- [Urinary Bladder Neoplasms](#)
- [Uterine Cervical Neoplasms](#)
- [Werner syndrome](#)