

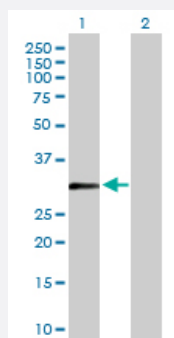
MaxPab®

PCNA affinity purified MaxPab rabbit polyclonal antibody (D01F)

Catalog # H00005111-D01F

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.

Specification

Product Description

Rabbit 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

MFEARLVQGSILKKVLEALKDLNACWDISSSGVNLQSMDSHVSLVQLTLRSEGFDTYRCDRN
LAMGVNLTSMKILKCAGNEDIITLRAEDNADTLALVFEAPNQEKVSDYEMKLMDLDEQLGIPEQ
EYSCVVKMPSGEFARICRDLSHIGDAVVISCAKDGVKFSASGELGNGNIKLSQTSNVDKEEEAVTI
EMNEPVQLTFALRYLNFFTKATPLSSTVTLSMSADVPLVVEYKIADMGHLKYYLAPKIEDEEGS

Host

Rabbit

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

- 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.

[Protocol Download](#)

Gene Info — PCNA

Entrez GeneID [5111](#)

GeneBank Accession# [NM_002592](#)

Protein Accession# [NP_002583.1](#)

Gene Name PCNA

Gene Alias MGC8367

Gene Description proliferating cell nuclear antigen

Omim ID [176740](#)

Gene Ontology [Hyperlink](#)

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]

Other Designations DNA polymerase delta auxiliary protein|OTTHUMP00000030189|OTTHUMP00000030190|cyclin

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](#)