#P30108

PCNA pAb

☐ 50 µl

☐ 100 µl

☐ 200 µl

Orders ■ 400-6123-828
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Web ■ www.ab-mart.com.cn

BACKGROUND

PCNA is a marker for cells in early G1 phase and S phase of the cell cycle. It is found in the nucleus and is a cofactor of DNA polymerase delta. PCNA acts as a homotrimer and helps increase the processivity of leading strand synthesis during DNA replication. In response to DNA damage, PCNA is ubiquitinated and is involved in the RAD6 dependent DNA repair pathway. Two transcript variants encoding the same protein have been found for PCNA. Pseudogenes of this gene have been described on chromosome 4 and on the X chromosome.

REFERENCES

1. Kelman, Z. and O'Donnell, M. (1995) Nucleic Acids Res. 23, 3613-3620.
2. Krishna, T. S. et al. (1994) Cell 79, 1233-1243.
3. Maga, G. and Hubscher, U. (2003) J. Cell Sci. 116, 3051-3060.

SOURCE

PCNA polyclonal antibody is produced by immunizing rabbit with a synthetic peptide corresponding to the internal residues of human PCNA.

SPECIFICITY

PCNA antibody detects endogenous levels of total PCNA protein.

STORAGE

Store at -20°C. Stable for one year from the date of shipment.

REACTIVITY

H, Mk, M, ChHm, Dg, R

ISOTYPE

Rabbit IgG

PREDICTED MOLECULAR WEIGHT

29 kDa

APPLICATION TESTED

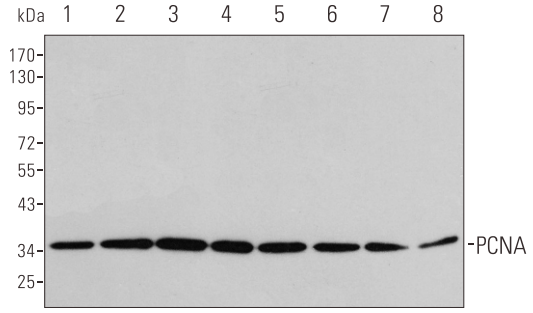
WB 1: 5000-20000

For application specific protocols please see the web page at www. abmart. com. cn/ document. aspx

SECONDARY ANTIBODY

Use an **anti-RABBIT** secondary antibody.

APPLICATION DATA



Western blot analysis of extracts from various cell lines:
Lane1-8: Hela, 293T, Cos-7, NIH/3T3, CHO-K1, MDCK, PC12, C6
Primary antibody: 1: 20000

COMPANION PRODUCTS

#M21002 Goat Anti-Rabbit IgG-HRP

Please visit www. abmart. com. cn/ products. aspx for a complete listing of recommended companion products.

Applications Key: WB —Western blot, IP—Immunoprecipitation, IHC—Immunohistochemistry, ChIP—Chromatin Immunoprecipitation, IF—Immunofluorescence

Reactivity Key: H—human, M—mouse, R—rat, ChHm—Chinese hamster, Mk—monkey, C—chicken, Dm—D. melanogaster, X—Xenopus, Z—zebrafish, B—bovine, Dg—dog, Pg—pig, Sc—S. cerevisiae, Ce—C. Elegans, Hr—Horse