



PCNA Polyclonal Antibody

Cat #: ABP0112

Size: 100µl

Product Information

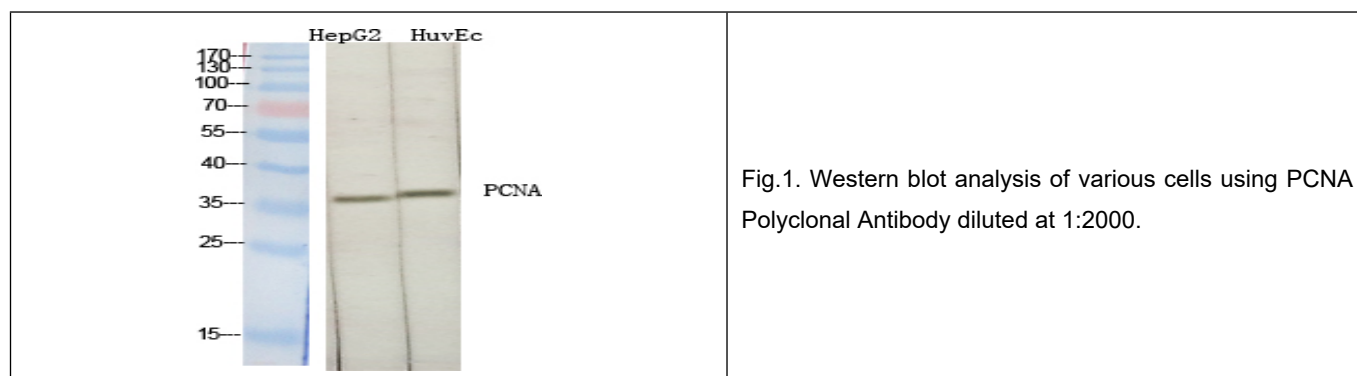
	Product Name: PCNA Polyclonal Antibody		
	Applications: WB, IHC-P, ELISA		Isotype: Rabbit IgG
	Reactivity: Human, Mouse, Rat, Monkey		
REF	Catalog Number: ABP0112	LOT	Lot Number: Refer to product label
	Formulation: Liquid		Concentration: 1 mg/ml
	Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.		Note: Contain sodium azide.

Background: Proliferating cell nuclear antigen encoded by PCNA is found in the nucleus and is a cofactor of DNA polymerase delta. Proliferating cell nuclear antigen acts as a homotrimer and helps increase the processivity of leading strand synthesis during DNA replication. In response to DNA damage, proliferating cell nuclear antigen 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 PCNA have been described on chromosome 4 and on the X chromosome.

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), IHC-P (1:100-1:300), ELISA (1:20000). Not yet tested in other applications.

Storage Buffer: PBS, pH 7.4, containing 0.02% Sodium Azide as preservative and 50% Glycerol.

Storage Instructions: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.



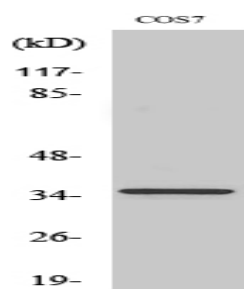


Fig.2. Western Blot analysis of COS7 cells using PCNA Polyclonal Antibody diluted at 1:2000.

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