

## Goat anti-PCNA Antibody

<b>Item Number</b>	dAP-2723
<b>Target Molecule</b>	Principle Name: PCNA; Official Symbol: PCNA; All Names and Symbols: PCNA; proliferating cell nuclear antigen; MGC8367; DNA polymerase delta auxiliary protein; OTTHUMP00000030189; OTTHUMP00000030190; cyclin; Accession Number (s): NP_002583.1; Human Gene ID(s): 5111; Non-Human GeneID(s): 18538 (mouse) 25737 (rat)
<b>Immunogen</b>	NGNIKLSQTSNVD, is from internal region Reported variants represent identical protein: NP_872590.1, NP_002583.1
<b>Applications</b>	Pep ELISA, WB, EIA  Species Tested: Human, Mouse, Rat, Pig
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 128000.
<b>Western Blot</b>	Western Blot: Approx 30kDa band observed in lysates of cell line HeLa (calculated MW of 28.8kDa according to Human NP_002583.1). Approx.33kDa band observed in lysates of cell line NIH3T3 and in Mouse and Rat Testis and Pig Spleen lysates (calculated MW
<b>IHC</b>	
<b>Reference</b>	Reference(s): Jones MJ, Colnaghi L, Huang TT. Dysregulation of DNA polymerase $\kappa$ recruitment to replication forks results in genomic instability. EMBO J. 2011 Dec 13..PMID: 22157819->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**