

Goat anti-PCNA, Biotinylated Antibody

Item Number	dAP-3362
Target Molecule	Principle Name: PCNA, Biotinylated; Official Symbol: PCNA; All Names and Symbols: PCNA; proliferating cell nuclear antigen; ATLD2; DNA polymerase delta auxiliary protein; cyclin; Accession Number (s): NP_002583.1; Human Gene ID(s): 5111; Non-Human GeneID(s): 18538 (mouse) 25737 (rat)
Immunogen	NGNIKLSQTSNVD.., is from internal region Reported variants represent identical protein: NP_872590.1, NP_002583.1
Applications	Pep ELISA, WB, EIA Species Tested: Human, Mouse, Rat, Pig
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	Western Blot: Approx 30kDa band observed in lysates of cell line HeLa (calculated MW of 28.8kDa according to NP_002583.1). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 0.3-1µg/ml.
IHC	
Reference	Reference(s): Jones MJ, Colnaghi L, Huang TT. Dysregulation of DNA polymerase κ recruitment to replication forks results in genomic instability. The EMBO Journal 2012 Feb 31 (4): 908-18..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 end users! This product is sold for **Research Use Only**