



Goat anti-PNKP / PNK Antibody

Item Number	dAP-0122
Target Molecule	Principle Name: PNKP / PNK; Official Symbol: PNKP; All Names and Symbols: PNKP; polynucleotide kinase 3'-phosphatase; PNK; polynucleotide kinase 3-prime-phosphatase; Homo sapiens polynucleotide kinase 3'-phosphatase (PNKP);; Accession Number (s): NP_009185.2; Human Gene ID(s): 11284; Non-Human GeneID(s):
Immunogen	EPRLGRLYCQFSEG, is from C Terminus
Applications	Pep ELISA, WB Species Tested: Human
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 16000.
Western Blot	Western Blot: Successfully used to detect recombinant human PNKP (1/1000 dilution).
IHC	
Reference	Reference(s): Jilani A, Ramotar D, Slack C, Ong C, Yang XM, Scherer SW, Lasko DD. Molecular cloning of the human gene, PNKP, encoding a polynucleotide kinase 3'-phosphatase and evidence for its role in repair of DNA strand breaks caused by oxidative damage. J Biol Chem. 1999 Aug 20;274(34):24176-

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**