

## Product datasheet for **TA319448**

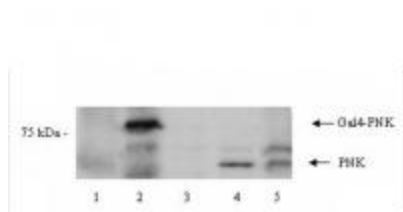
### PNK (PNKP) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1:3,000 - 1:12,000, WB: 1:300 - 1:1,500
Reactivity:	Human, Chimpanzee
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	This affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to an internal region of human PNK protein.
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	polynucleotide kinase 3'-phosphatase
Database Link:	<a href="#">NP_009185</a> <a href="#">Entrez Gene 11284 Human</a> <a href="#">Q96T60</a>
Synonyms:	AOA4; EIEE10; MCSZ; PNK
Note:	Mammalian PNK (also known as PNKP, Polynucleotide kinase 3'-phosphatase, DNA 5'-kinase/3'-phosphatase and Polynucleotide kinase) catalyzes the 5' phosphorylation of nucleic acids and can have associated 3' phosphatase activity, predictive of an important function in DNA repair following ionizing radiation or oxidative damage. PNK is a nuclear protein that is expressed in many tissues with highest expression in spleen and testis, and lowest expression in small intestine.
Protein Families:	Druggable Genome, Phosphatase



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**Product images:**

WB using Anti-PNK antibody shows detection of a 57 kDa band corresponding to human PNK in a Y190 yeast cell lysate (lane 1), Y190 yeast cell lysate + human PNK (Gal DNA BP) (lane 2), EM9 XH Chinese hamster ovary cell lysate (lane 3), EM9 XH Chinese hamster ovary cell lysate + human PNK (lane 4) and a HeLa cell lysate (lane 5). Approximately 10ug of lysate was run on SDS-PAGE and transferred onto nitrocellulose followed by reaction with a 1:1000 dilution of anti-PNK antibody.