

## Product datasheet for **TA340168**

### PNK (PNKP) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-PNKP antibody: synthetic peptide directed towards the middle region of human PNKP. Synthetic peptide located within the following region: ALLSASPEVWVAVGFPGAGKSTFLKKHLVSAGYVHVNRDTLGSWQRCVTT
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	57 kDa
Gene Name:	polynucleotide kinase 3'-phosphatase
Database Link:	<a href="#">NP_009185</a> <a href="#">Entrez Gene 11284 Human</a> <a href="#">Q96T60</a>
Background:	This locus represents a gene involved in DNA repair. In response to ionizing radiation or oxidative damage, the protein encoded by this locus catalyzes 5' phosphorylation and 3' dephosphorylation of nucleic acids. Mutations at this locus have been associated with microcephaly, seizures, and developmental delay.
Synonyms:	AOA4; EIEE10; MCSZ; PNK

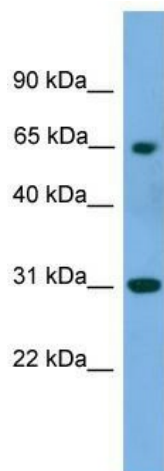


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**Note:** Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Guinea pig: 100%

**Protein Families:** Druggable Genome, Phosphatase

**Product images:**



WB Suggested Anti-PNKP Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 312500; Positive Control: Transfected 293T