

## Datasheet for ABIN633050 **anti-PNKP antibody (N-Term)**



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### 1 Image

#### Overview

Quantity:	100 µL
Target:	PNKP
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PNKP antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	PNKP antibody was raised using the N terminal of PNKP corresponding to a region with amino acids MGEVEAPGRLWLSPGGAPPIFLPSDGQALVLGRGPLTQVTDKCSRTQ
Specificity:	PNKP antibody was raised against the N terminal of PNKP
Purification:	Affinity purified

#### Target Details

Target:	PNKP
Alternative Name:	PNKP ( <a href="#">PNKP Products</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

## Target Details

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microcephaly, seizures, and developmental delay.

Molecular Weight: 57 kDa (MW of target protein)

Pathways: [DNA Damage Repair](#), [Nucleotide Phosphorylation](#)

## Application Details

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Application Notes: WB: 1 µg/mL

Optimal conditions should be determined by the investigator.

Comment: PNKP Blocking Peptide, catalog no. 33R-6026, is also available for use as a blocking control in assays to test for specificity of this PNKP antibody

Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of PNKP antibody in PBS

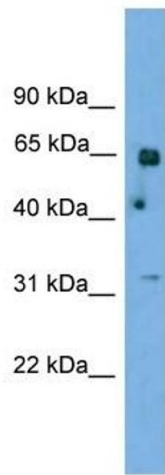
Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.  
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



### Western Blotting

**Image 1.** PNKP antibody used at 1 ug/ml to detect target protein.