

Datasheet for ABIN5534613  
**anti-PNKP antibody (N-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	400 µL
Target:	PNKP
Binding Specificity:	AA 109-138, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PNKP antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This PNKP antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 109-138 amino acids from the N-terminal region of human PNKP.
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## 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

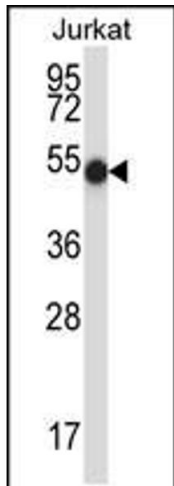
	microcephaly, seizures, and developmental delay.
Molecular Weight:	57 kDa
Gene ID:	11284
UniProt:	<a href="#">Q96T60</a>
Pathways:	<a href="#">DNA Damage Repair</a> , <a href="#">Nucleotide Phosphorylation</a>

## Application Details

Application Notes:	For WB starting dilution is: 1:1000
Restrictions:	For Research Use only

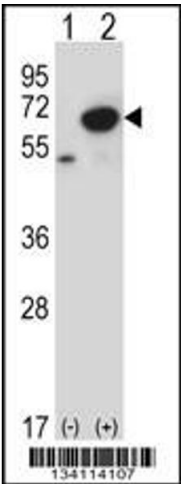
## Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.



Western Blotting

**Image 1.** Western blot analysis in Jurkat cell line lysates (35ug/lane).



Western Blotting

**Image 2.** Western blot analysis of PNKP using rabbit polyclonal PNKP Antibody using 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the PNKP gene.