

# PNKP Rabbit Polyclonal Antibody



CAB6693

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

57kDa

### Calculated MW:

53kDa/57kDa

### Applications:

WB IHC IF

### Reactivity:

Human, Mouse, Rat

## Protein 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.

## Immunogen information

### Gene ID:

11284

### Uniprot

Q96T60

### Synonyms:

PNKP; AOA4; EIEE10; MCSZ; PNK

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50  
- 1:200 IF 1:50 - 1:100

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

### Immunogen:

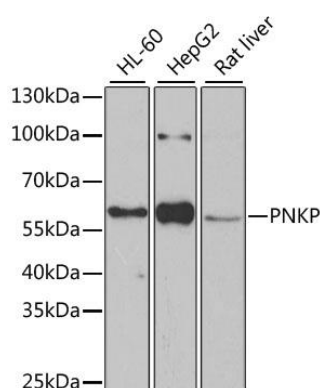
Recombinant fusion protein containing a sequence corresponding to amino acids 60-320 of human PNKP (NP\_009185.2).

### Storage:

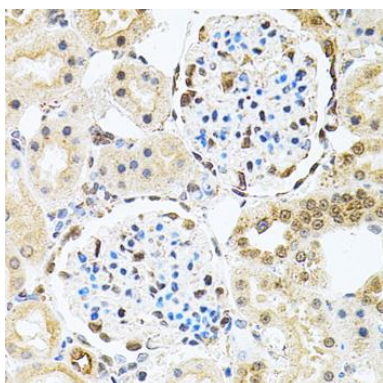
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

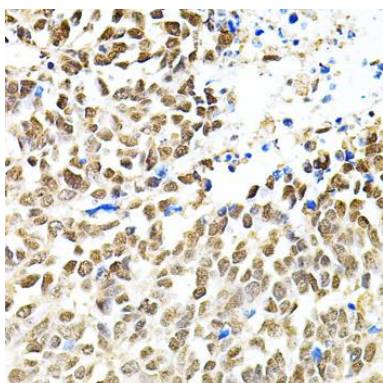
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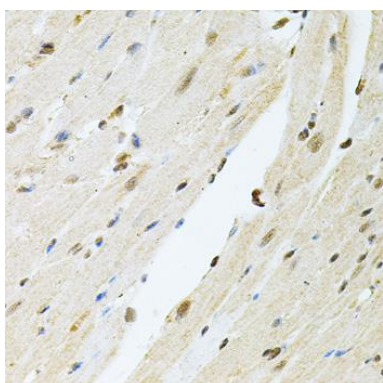
Western blot analysis of extracts of various cell lines, using PNKP antibody (CAB6693) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 90s.



Immunohistochemistry of paraffin-embedded rat kidney using PNKP antibody (CAB6693) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human lung cancer using PNKP antibody (CAB6693) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse heart using PNKP antibody (CAB6693) at dilution of 1:100 (40x lens).