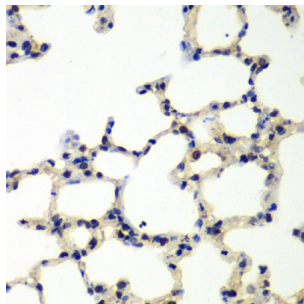


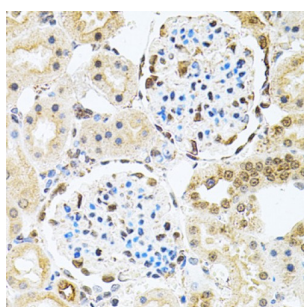
Abbexa Ltd, Innovation Centre, Cambridge Science Park, Cambridge, CB4 0EY, UK
Telephone: +44 (0) 1223 755950 - Fax: +44 (0) 1223 755951 - E-Mail: info@abbexa.com

Bifunctional Polynucleotide Phosphatase/kinase (PNKP) Antibody

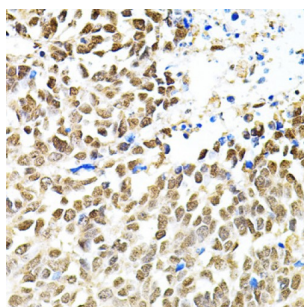
Catalogue No.: abx005133



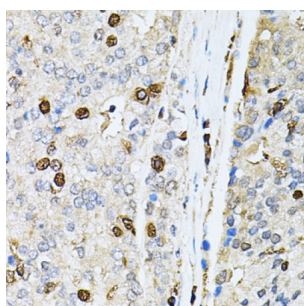
Immunohistochemistry of paraffin-embedded rat lung using PNKP antibody (abx005133) at dilution of 1/100 (40x lens).



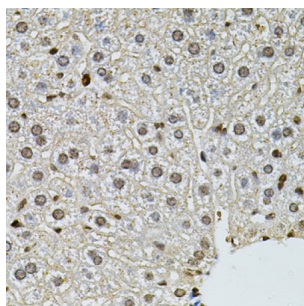
Immunohistochemistry of paraffin-embedded rat kidney using PNKP antibody (abx005133) at dilution of 1/100 (40x lens).



Immunohistochemistry of paraffin-embedded human lung cancer using PNKP antibody (abx005133) at dilution of 1/100 (40x lens).

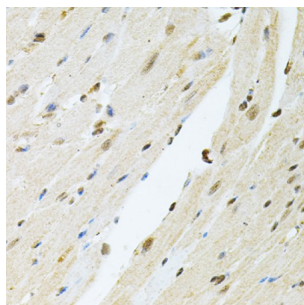


Immunohistochemistry of paraffin-embedded human prostate cancer using PNKP antibody (abx005133) at dilution of 1/100 (40x lens).

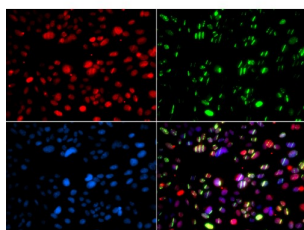


Immunohistochemistry of paraffin-embedded mouse liver using PNKP antibody (abx005133) at dilution of 1/100 (40x lens).

Abbexa Ltd, Innovation Centre, Cambridge Science Park, Cambridge, CB4 0EY, UK
Telephone: +44 (0) 1223 755950 - Fax: +44 (0) 1223 755951 - E-Mail: info@abbexa.com



Immunohistochemistry of paraffin-embedded mouse heart using PNKP antibody (abx005133) at dilution of 1/100 (40x lens).



Immunofluorescence analysis of GFP-RNF168 transgenic U2OS cells using PNKP antibody (abx005133). Green: GFP-RNF168 fusion protein expression for DNA damage marker. Blue: DAPI for nuclear staining. RNF168(GFP) can be used to mark cells damaged by UV-A laser for they always gather around DNA damage region.

PNKP Antibody is a Rabbit Polyclonal antibody against PNKP. 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.

Target: PNKP

Reactivity: Human, Mouse, Rat

Host: Rabbit

Clonality: Polyclonal

Tested Applications: WB, IHC, IF/ICC

Recommended dilutions: WB: 1/500 - 1/2000, IHC: 1/50 - 1/200, IF/ICC: 1/50 - 1/100. Optimal dilutions/concentrations should be determined by the end user.

Immunogen: Recombinant protein of human PNKP.

Purification: Affinity purified.

Form: Liquid

Isotype: IgG

Conjugation: Unconjugated

Abbexa Ltd, Innovation Centre, Cambridge Science Park, Cambridge, CB4 0EY, UK
Telephone: +44 (0) 1223 755950 - Fax: +44 (0) 1223 755951 - E-Mail: info@abbexa.com

Storage: Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.

Molecular Weight: Calculated MW: 53 kDa/57 kDa
Observed MW: Refer to figures

Swiss Prot: [Q96T60](#)

GeneID: [11284](#)

Gene Symbol: PNKP

Concentration: > 1 mg/ml

Buffer: PBS, pH 7.3, 0.02% sodium azide, 50% glycerol.

Note: This product is for research use only.