Product Datasheet

PNKP antibody

Catalog No: #39107

Package Size: #39107-1 50ul #39107-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

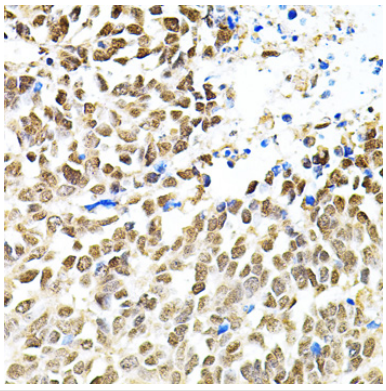
Description

Product Name	PNKP antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total PNKP protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human PNKP.
Target Name	PNKP
Other Names	PNK; MCSZ; EIEE10;
Accession No.	Swiss-Prot#: Q96T60NCBI Gene ID: 11284
Uniprot	Q96T60
GeneID	11284;
SDS-PAGE MW	57kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

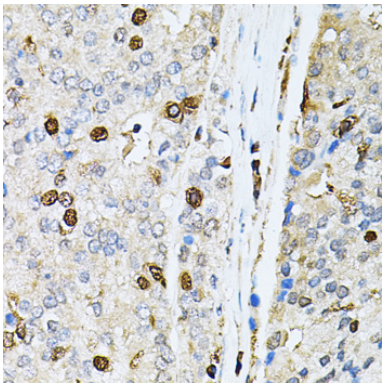
Application Details

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

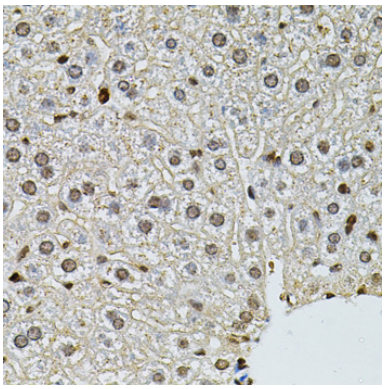
Images



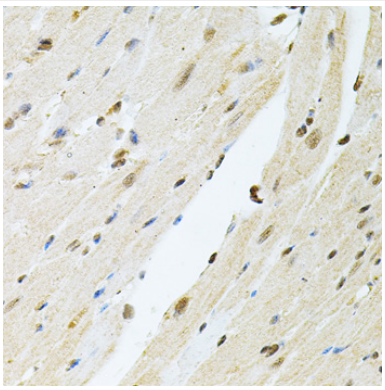
Immunohistochemistry of paraffin-embedded human lung cancer using PNKP at dilution of 1:100 (40x lens).



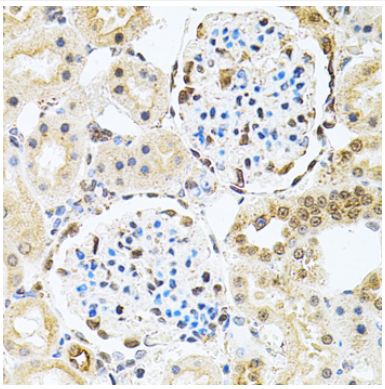
Immunohistochemistry of paraffin-embedded human prostate cancer using PNKP at dilution of 1:100 (40x lens).



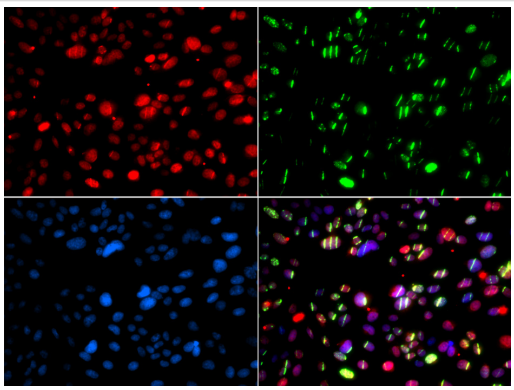
Immunohistochemistry of paraffin-embedded mouse liver using PNKP at dilution of 1:100 (40x lens).



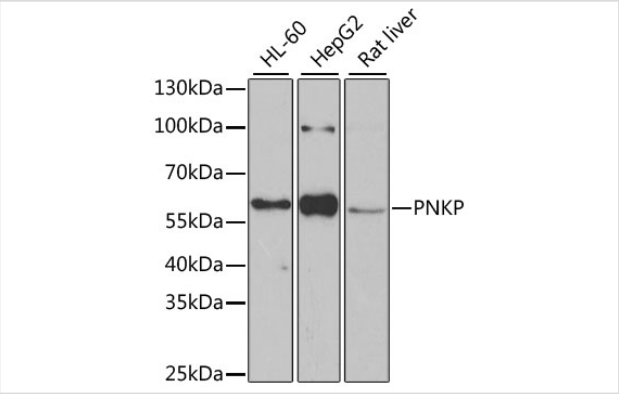
Immunohistochemistry of paraffin-embedded mouse heart using PNKP at dilution of 1:100 (40x lens).



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



Immunofluorescence analysis of GFP-RNF168 transgenic U2OS cells using PNKP . GreenoΩ½oΩ½GFP-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.



Western blot analysis of extracts of various cell lines, using PNKP at 1:1000 dilution.

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.

Note: This product is for in vitro research use only