

# Product Datasheet

## PNK Antibody - BSA Free NBP3-38311-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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**NBP3-38311-100ul**

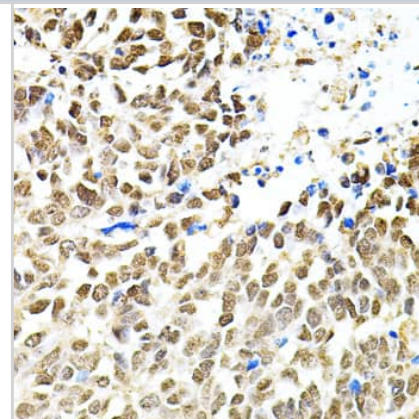
PNK Antibody - BSA Free

Product Information	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS (pH 7.3), 50% glycerol
<b>Target Molecular Weight</b>	57 kDa
Product Description	
<b>Description</b>	Novus Biologicals Rabbit PNK Antibody - BSA Free (NBP3-38311) is a polyclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	11284
<b>Gene Symbol</b>	PNKP
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 60-320 of human PNK (NP_009185.2).  Sequence: RTVAVKQLGVNPSTTGTQELKPGLEGLVGDLYLVNGLHPLTLRWEETRTP ESQPDTPPGTPLVSQDEKRDAELPKKRMRSNPGWENLEKLLVFTAAGVKPQ GKVAGFDLDGTLITRSGKVFPPTGPSDWIRILYPEIPRKLRELEAEGYKLVIFTNQ MSIGRGKLPAAEEFKAKVEAVVEKLGVPFQVLVATHAGLYRKPVTGMWDHLQE QANDGTPISIGDSIFVGDAAGRPANWAPGRKKKDFSCADRLFALNLGLP
Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:500 - 1:2000, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50 - 1:100, Immunohistochemistry-Paraffin 1:50 - 1:200

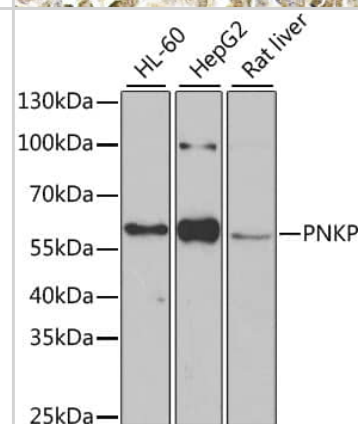


## Images

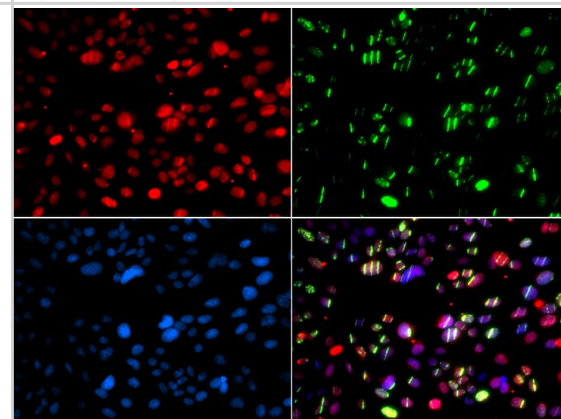
**Immunohistochemistry: PNK Antibody [NBP3-38311] -**  
 Immunohistochemistry analysis of paraffin-embedded Human lung cancer using PNK Rabbit pAb at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



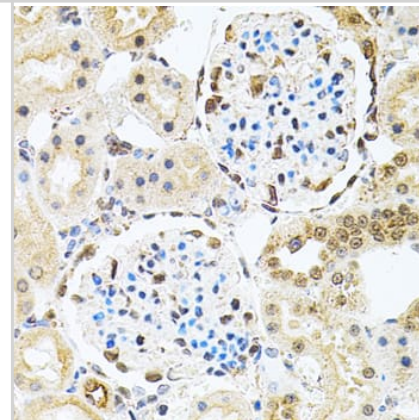
**Western Blot: PNK Antibody [NBP3-38311] -** Western blot analysis of various lysates using PNK Rabbit pAb at 1:1000 dilution.  
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.  
 Lysates/proteins: 25ug per lane.  
 Blocking buffer: 3% nonfat dry milk in TBST.  
 Detection: ECL Basic Kit.  
 Exposure time: 90s.



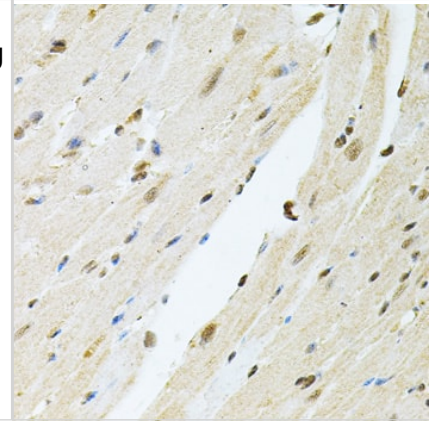
**Immunocytochemistry/ Immunofluorescence: PNK Antibody [NBP3-38311] -** Immunofluorescence analysis of GFP-RNF168 transgenic U2OS cells using PNK Rabbit pAb. Green: GFP-RNF168 fusion protein expression for DNA damage marker. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. 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.



**Immunohistochemistry: PNK Antibody [NBP3-38311] -**  
 Immunohistochemistry analysis of paraffin-embedded Rat kidney using PNK Rabbit pAb at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry: PNK Antibody [NBP3-38311] -  
Immunohistochemistry analysis of paraffin-embedded Mouse heart using  
PNK Rabbit pAb at dilution of 1:100 (40x lens). Microwave antigen  
retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.





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### **Products Related to NBP3-38311-100ul**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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