

Anti-PNKP antibody (60-320) (STJ28776)

STJ28776

GENERAL INFORMATION

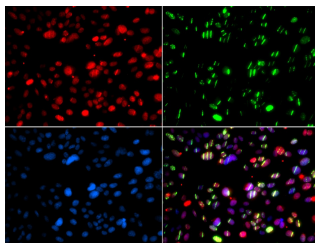
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

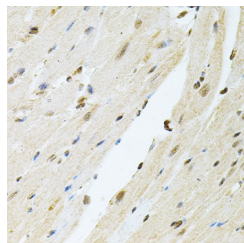
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution	WB:1:500-1:2000
Range	IHC-P:1:50-1:200 IF/ICC:1:50-1:100 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
Instruction	

TARGET INFORMATION

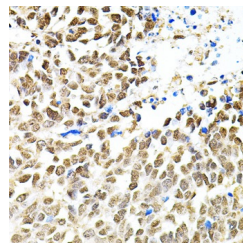
Gene ID	11284
Gene Symbol	PNKP
Uniprot ID	PNKP_HUMAN
Immunogen	
Immunogen Region	60-320
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 60-320 of human PNKP (NP_009185.2).
Immunogen Sequence	RTVAVKQLGVNPSTTGTQEL KPGLEGLGVGDTLYLVNGL HPLTLRWEEETRTPEQPDP PGTPLVSQDEKRDALPKKR MRKSNPGWENLEKLLVFTAA GVKPQGKVAGFDLDGTLTT RSGKVFTGPSDWRIYPEI PRKLRELEAEGYKLIFTNQ MSIGRGKLPAAEFKAKVEAV VEKLGVPFQVLVATHAGLYR KPVTMGMDHLQEQANDGTPI SIGDSIFVGDAAGRANWA



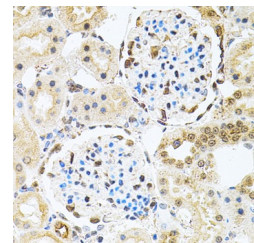
Immunofluorescence analysis of GFP-RNF168 transgenic U2OS cells using PNKP antibody (STJ28776). Green: GFP-RNF168 fusion protein expression for DNA damage marker. Blue: DAPI for nuclear staining. RNF168 (GFP) can be used to mark cells damaged by UV-A laser for they always gather around DNA damage region.



Immunohistochemistry analysis of paraffin-embedded mouse heart using PNKP antibody (STJ28776) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded human lung cancer using PNKP antibody (STJ28776) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded rat kidney using PNKP antibody (STJ28776) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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