Recombinant PNKP Monoclonal Antibody

catalog number: **AN302032L**

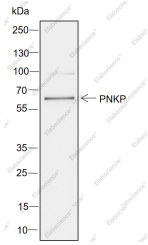
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Immunogen	Peptide. This information is proprietary to PTMab
Host	Rabbit
Isotype	Rabbit IgG
Clone	C321653
Purification	Protein A affinity purification
Conjugation	Unconjugated
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
WB	1:2000
IHC	1:100

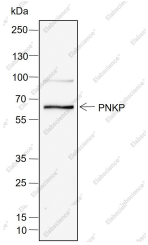
Data



Western Blot with PNKP Monoclonal Antibody at dilution of 1:2000. Lane 1: HeLa

Observed-MW:60 kDa

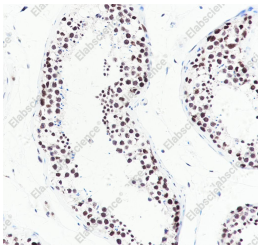
Calculated-MW:57 kDa



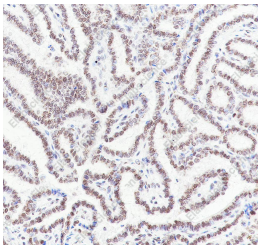
Western Blot with PNKP Monoclonal Antibody at dilution of 1:2000. Lane 1: PC-3

Observed-MW:60 kDa

Calculated-MW:57 kDa



Immunohistochemistry of paraffin-embedded Human testis using PNKP Monoclonal Antibody at dilution of 1:100.



Immunohistochemistry of paraffin-embedded Human thyroid cancer using PNKP Monoclonal Antibody at dilution of 1:100.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze/thaw cycles.
Shipping	Ice bag

Background

Toll-free: 1-888-852-8623
Tel: 1-832-243-6086
Fax: 1-832-243-6017
Web: www.elabscience.com
Email: techsupport@elabscience.com

PNK (polynucleotide kinase) is a DNA repair enzyme that participates in single strand break repair and non-homologous end rejoining (NHEJ) for double strand breaks. PNK possesses a 5'-DNA kinase activity and a 3'-DNA phosphatase activity. It has three domains, a C terminal kinase domain, a central phosphatase domain, and an N-terminal forkhead associated (FHA) domain that is responsible for protein protein interactions. Reduction in expression of PNK by RNAi sensitizes cells to ionizing radiation and topoisomerase I inhibitors.

Toll-free: 1-888-852-8623
Tel: 1-832-243-6086
Fax: 1-832-243-6017
Web: www.elabscience.com
Email: techsupport@elabscience.com