

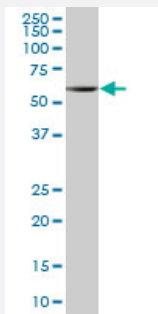
MaxPab®

PNKP MaxPab mouse polyclonal antibody (B01)

Catalog # H00011284-B01

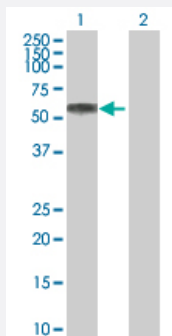
Size 50 uL

Applications



Western Blot (Tissue lysate)

PNKP MaxPab polyclonal antibody. Western Blot analysis of PNKP expression in human spleen.



Western Blot (Transfected lysate)

Western Blot analysis of PNKP expression in transfected 293T cell line ([H00011284-T01](#)) by PNKP MaxPab polyclonal antibody.

Lane 1: PNKP transfected lysate(57.31 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human PNKP protein.

Immunogen

PNKP (NP_009185, 1 a.a. ~ 521 a.a) full-length human protein.

Sequence	MGEVEAPGRLWLESPPGGAPPIFLPSDGQALVLGRGPLTQVTDKCSRTQVELVADPETRTRVAV KQLGVNPSTTGTQELKPGLESLGVGDTLYLVNGLHPLTLRWEETRTPE SQPDTPPGTPLVSQD EKRD AELPKRMRKSNPGWENLEKLLVFTAAGVKPQGKVAGFDLDGTLITRSGKVFTGPS D WRILYPEIPRKLRELEAEGYKL VIFTNQMSIGRGKLP AEEFKAKVEAVVEKLGVPFQVLVATHAGLY RKPVTGMWDHLQE QANDGTPISIGDSIFVGDAAGR PANWAPGRKKKDFSCADRLFALNLGLPFA TPEEFFLKWPAAGFELPAFDPRTVSRSGPLCLPESRALLSASPEVVAVGFGAGKSTFLKKHL VSAGYVHVNRDTLGSWQRCVTT CETALKQGKRVAIDNTNPDAAS RARYVCARAAGVPCRCFL FTATLEQARHNNRFREMTDSSHIPVSDMV MYGYRKQFEAPTLAEGFSAILEIPFRLWVEPRLGRLY CQFSEG
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (80); Rat (81)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

Applications

- Western Blot (Tissue lysate)

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[Protocol Download](#)

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[Protocol Download](#)

Gene Info — PNKP

Entrez GeneID [11284](#)

GeneBank Accession# [NM_007254](#)

Protein Accession#	NP_009185
Gene Name	PNKP
Gene Alias	PNK
Gene Description	polynucleotide kinase 3'-phosphatase
Omim ID	605610
Gene Ontology	Hyperlink
Other Designations	Homo sapiens polynucleotide kinase 3'-phosphatase (PNKP) Polynucleotide kinase 3'-phosphatase, amino acids 68-521 Polynucleotide kinase 3'-phosphatase, partial sequence polynucleotide kinase 3-prime-phosphatase

Publication Reference

- [Cells deficient in base-excision repair reveal cancer hallmarks originating from adjustments to genetic instability.](#)

Enni Markkanen, Roman Fischer, Marina Ledentcova, Benedikt M Kessler, Grigory L Dianov.

Nucleic Acids Research 2015 Apr; 43(7):3667.

Application: WB-Tr, Human, TIG-1 cells

Disease

- [Adenoma](#)
- [Colon cancer](#)
- [Colonic Neoplasms](#)
- [Colonic Polyps](#)
- [Genetic Predisposition to Disease](#)
- [Graft vs Host Disease](#)
- [Multiple Sclerosis](#)
- [Neoplasm Recurrence](#)