

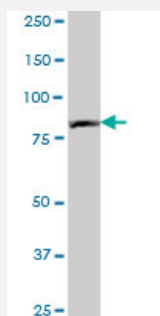
MaxPab®

PNPT1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00087178-B01P

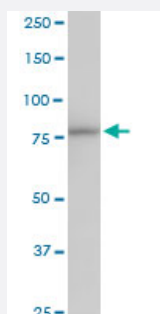
Size 50 ug

Applications



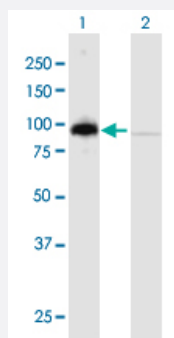
Western Blot (Tissue lysate)

PNPT1 MaxPab polyclonal antibody. Western Blot analysis of PNPT1 expression in rat brain.



Western Blot (Cell lysate)

PNPT1 MaxPab polyclonal antibody. Western Blot analysis of PNPT1 expression in IMR-32.

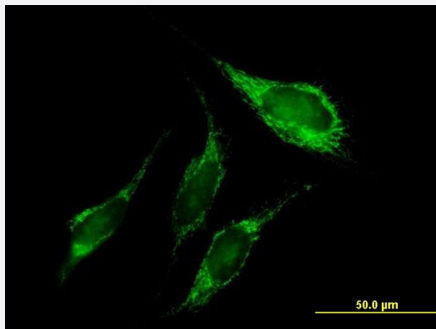


Western Blot (Transfected lysate)

Western Blot analysis of PNPT1 expression in transfected 293T cell line ([H00087178-T01](#)) by PNPT1 MaxPab polyclonal antibody.

Lane 1: PNPT1 transfected lysate(86.13 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to PNPT1 on HeLa cell.
[antibody concentration 10 ug/ml]

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human PNPT1 protein.
Immunogen	PNPT1 (NP_149100.1, 1 a.a. ~ 783 a.a) full-length human protein.
Sequence	MAACRYCCSCLRLRPLSDGPFLLPRRDRALTQLQVRALWSSAGSRAVAVDLGNRKLEISSGKLA RFADGSAVVQSGDTAVMVTAVSKTKPSQFMPLVVDYRQKAAAAGRIPTNYLRREVGTSDEIL TSRIIDRSIRPLFPAGFYDQTQVLCNLLAVDGVNEPDVLAINGASVALSLSDIPWNGPVGAVRIGIIDG EYVVPNTRKEMSSSTLNLVVAGAPKSQVMLEASAENILQQDFCHAIKVGKVTQIIQGIQQLVKE TGVTKRTPQKLFTPSPEIKYTHKLAMERLYAVFTDYEHDKVSRDEAVNKIRLDTEEQLEKEFPEA DPYEIIESFNVVAKEVFRSMLNEYKRCDDGRDLTSLRNVSCVDMFKTLHGSALFQRGQTQVLCTV TFDSLESIGKSDQVITAINGIKDNFMLHYEFPYPATNEIGKVTGLNRRELGHGALAEKALYPVIPRD FPFTIRVTSEVLESNGSSSMASACGSLALMDSGVPISAVAGVAIGLVTKDPEKGEIEDYRLLT DILGIEDYNGDMDFKAGTNKGITALQADIKLPGIPIKIVMEAIQQASVAKKEILQIMNKTISKPRASRKE NGPVVETVQVPLSKRAKFVGPGGYNLKKLQAETGVTISQVDEETFSVFAPTPSAMHEARDFITEIC KDDQEQQLFAGAVYTATITEIRD TGVMVKLYPNMTAVLLHNTQLDQRKIKHPTALGLEVGQEIQVKY FGRDPADGRMRLSRKVLQSPATTVVRTLNDRSSVMGEPISQSSSNSQ
Host	Mouse
Reactivity	Human, Rat
Interspecies Antigen Sequence	Mouse (91); Rat (92)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

PNPT1 MaxPab polyclonal antibody. Western Blot analysis of PNPT1 expression in rat brain.

[Protocol Download](#)

- Western Blot (Cell lysate)

PNPT1 MaxPab polyclonal antibody. Western Blot analysis of PNPT1 expression in IMR-32.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of PNPT1 expression in transfected 293T cell line ([H00087178-T01](#)) by PNPT1 MaxPab polyclonal antibody.

Lane 1: PNPT1 transfected lysate(86.13 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to PNPT1 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — PNPT1

Entrez GeneID [87178](#)

GeneBank Accession# [NM_033109.2](#)

Protein Accession# [NP_149100.1](#)

Gene Name PNPT1

Gene Alias DKFZp762K1914, OLD35, PNPASE, old-35

Gene Description polyribonucleotide nucleotidyltransferase 1

Omim ID [610316](#)

Gene Ontology [Hyperlink](#)

Gene Summary PNPT1 is a subunit of the exosome complex, which is involved in 3-prime-to-5-prime exoribonuclease activity for RNA processing and degradation (Raijmakers et al., 2002 [PubMed 12419256]). [supplied by OMIM]

Other Designations 3'-5' RNA exonuclease|polynucleotide phosphorylase|polynucleotide phosphorylase-like

Pathway

- [Purine metabolism](#)
- [Pyrimidine metabolism](#)
- [RNA degradation](#)

Disease

- [Diabetes Mellitus](#)
- [Multiple Sclerosis](#)