

DNAxPAb

Hard-to-Find  
Antibody

# PNPT1 DNAxPab

Catalog # H00087178-W01P

Size 200 ug

## Specification

**Product Description** Rabbit polyclonal antibody raised against a full-length human PNPT1 DNA using DNAx™ Immune technology.

**Technology** [DNAx™ Immune](#)

**Immunogen** Full-length human DNA

**Sequence** MAACRYCCSCLRLRPLSDGPFLPRRDRALTQLQVRALWSSAGSRAVAVDLGNRKLEISSGKLA  
RFADGSAVVQSGDTAVMVTAVSKTKPSPSQFMPLVVDYRQKAAAAGRIPTNYLRREVGTSKKEIL  
TSRIIDRSIRPLFPAGYFYDTQVLCNLLAVDGVNEPDVLAINGASVALSLSDIPWNGPVGAVRIGIIDG  
EYVVNPTRKEMSSSTLNLVVAGAPKSQVMLEASAENILQQDFCHAIKVGVKYTQQIIQGIQQLVKE  
TGVTKRTPQKLFTPSPEIVKYTHKLAMERLYAVFTDYEHDKVSERDEAVNKIRLDTEEQLEKEKFPEA  
DPYEIIESFNVAKEVFRSMLNEYKRC DGRDLTSLRNVSC EVD MFKTLHGSALFQRGQTQVLC TV  
TFDSLESGIKSDQVITAINGIKDNFMLHYEFPYATNEIGKVTGLNRRELGHGALAEKALYPVIPRD  
FPFTIRVTSEVLESNGSSSMASACGGSALMDSGVPISAVAGVAIGLVTKTDPEKGEIEDYRLLT  
DILGIEDYNGDMDFKIA GTNKGIT ALQADIKLP GIPIKIVMEAIQQASVAKKEILQIMNKTISKPRASRKE  
NGPVVETVQVPLSKRAKFVGP GGYNLKKLQAETGVTISQVDEETF SVFAPTPSAMHEARDFITEIC  
KDDQEQQLEFGAVYTATITEIRD TGVMVKLYPNMTAVLLHNTQLDQRKIKHPTALGLEVGQEIQVKY  
FGRDPADGRMRLSRKVLQSPATTVVRTLNDRSSVMGEPISQSSSNSQ

**Host** Rabbit

**Reactivity** Human

**Purification** Protein A

**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 (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

## 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 (Rajmakers 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](#)