

Datasheet for ABIN2776602  
**anti-PNPT1 antibody (Middle Region)**[Go to Product page](#)

## 4 Images

## Overview

Quantity:	100 µL
Target:	PNPT1
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Horse, Cow, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PNPT1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human PNPT1
Sequence:	CGGSLALMDS GVISSAVAG VAIGLVTKTD PEKGEIEDYR LLTDILGIED
Predicted Reactivity:	Cow: 79%, Dog: 79%, Guinea Pig: 86%, Horse: 79%, Human: 100%, Mouse: 93%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against PNPT1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	PNPT1
Alternative Name:	PNPT1 ( <a href="#">PNPT1 Products</a> )

## Target Details

Background:	<p>PNPT1 is a subunit of the exosome complex, which is involved in 3-prime-to-5-prime exoribonuclease activity for RNA processing and degradation. 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].</p> <p>Sequence Note: This RefSeq record was created from transcript and genomic sequence data because no single transcript was available for the full length of the gene. The extent of this transcript is supported by transcript alignments. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.</p> <p>Alias Symbols: DKFZp762K1914, OLD35, PNPASE, old-35</p> <p>Protein Interaction Partner: GRSF1, UBC, GATC, DPY30, NUP107, NUP153, NCAPD2, PDLIM1, NUP214, RANGAP1, PTBP1, PRKCSH, NCL, HSPB1, SIRT7, ICT1,</p> <p>Protein Size: 783</p>
-------------	--

Molecular Weight:	86 kDa
-------------------	--------

Gene ID:	87178
----------	-------

NCBI Accession:	<a href="#">NM_033109</a> , <a href="#">NP_149100</a>
-----------------	---

UniProt:	<a href="#">Q8TCS8</a>
----------	------------------------

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
--------------------	--

Comment:	Antigen size: 783 AA
----------	----------------------

Restrictions:	For Research Use only
---------------	-----------------------

## Handling

Format:	Liquid
---------	--------

Concentration:	Lot specific
----------------	--------------

Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
---------	---

Preservative:	Sodium azide
---------------	--------------

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
--------------------	--

## Handling

Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

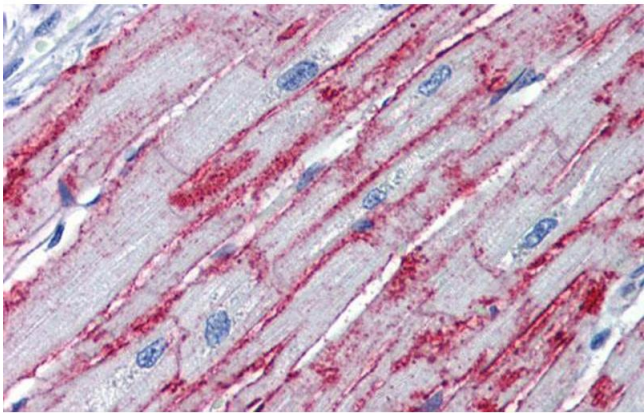
## Images



Rabbit Anti-PNPT1 Antibody  
Catalog Number: ARP41066  
Lot Number: QC21136  
Lane: Hela Cell Lysate  
  
Antibody Titration: 0.5µg/ml  
Gel Concentration: 12%

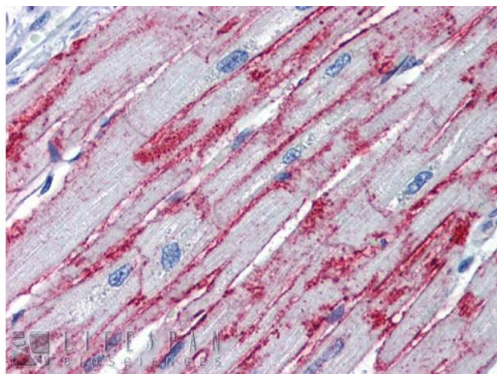
### Western Blotting

**Image 1.**



### Immunohistochemistry

**Image 2.** Immunohistochemistry with Human Heart lysate tissue at an antibody concentration of 5.0ug/ml using anti-PNPT1 antibody



Rabbit Anti-PNPT1 Antibody  
Catalog Number: ARP41066  
Lot Number: QC21136  
Paraffin Embedded Tissue: Human Heart  
Antibody Concentration: 5.0 µg/ml

Data courtesy of Lifespan Biosciences, Inc.

### Immunohistochemistry

#### Image 3.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2776602.