

Datasheet for ABIN6741592  
**anti-PNPT1 antibody (AA 489-538)**

## 4 Images

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## Overview

Quantity:	100 µL
Target:	PNPT1
Binding Specificity:	AA 489-538
Reactivity:	Human, Rat, Dog, Horse, Cow, Guinea Pig, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PNPT1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide located between aa489-538 of human PNPT1 (Q8TCS8, NP_149100). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Monkey (100%), Galago, Marmoset, Mouse (92%), Rat, Guinea pig (85%).  Type of Immunogen: Synthetic peptide
Isotype:	IgG
Specificity:	Human PNPT1
Predicted Reactivity:	Percent identity by BLAST analysis: Human (100%) Mouse (92%) Rat, Guinea pig (85%).
Purification:	Immunoaffinity purified

## Target Details

Target:	PNPT1
Alternative Name:	PNPT1 ( <a href="#">PNPT1 Products</a> )
Background:	Name/Gene ID: PNPT1  Synonyms: PNPT1, 3-5 RNA exonuclease OLD35, COXPD13, DFNB70, OLD35, PNPase 1, PNPase old-35, Old-35, PNPASE, Polynucleotide phosphorylase 1
Gene ID:	87178
NCBI Accession:	<a href="#">NP_149100</a>
UniProt:	<a href="#">Q8TCS8</a>

## Application Details

Application Notes:	Approved: IHC, IHC-P (5 µg/mL), WB  Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 5 µg/mL. ELISA titer using peptide based assay: 1:12500. Western Blot: Suggested dilution at 0.5 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1:50000 - 100000 as second antibody.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

## Handling

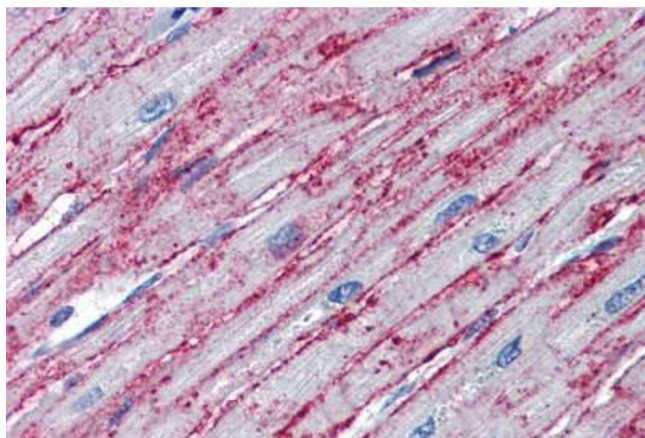
Format:	Lyophilized
Reconstitution:	Reconstitute with 50 µL sterile ddH2O.
Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.

## Handling

Storage: 4 °C, -20 °C

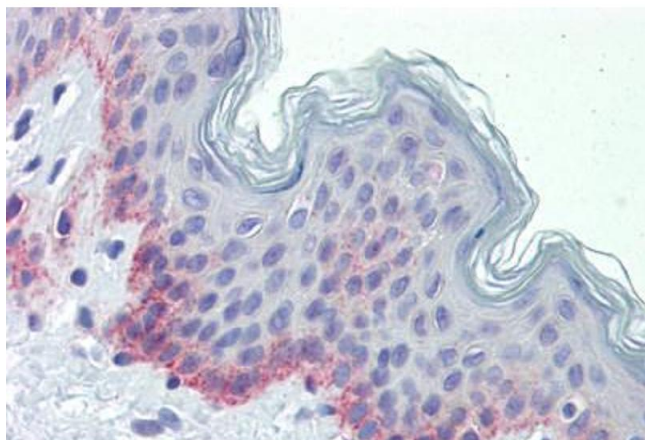
Storage Comment: Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year)  
Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

## Images



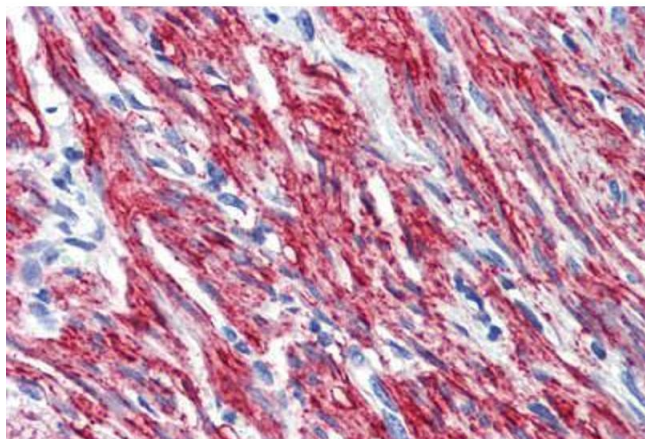
### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Human Heart (formalin-fixed, paraffin-embedded) stained with PNPT1 antibody ABIN462230 followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Human Skin (formalin-fixed, paraffin-embedded) stained with PNPT1 antibody ABIN462230 followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** Human Uterus, Myometrium (formalin-fixed, paraffin-embedded) stained with PNPT1 antibody ABIN462230 followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.

## Images

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Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6741592.