

Rabbit anti-Human, mouse PNPT1 Polyclonal Antibody | anti-PNPT1 antibody

PNPT1 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285769	Rabbit	Human, mouse	ELISA, Western Blot

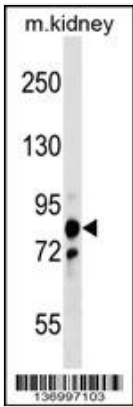
PRODUCT SYNONYMS

PNPT1; Polyclonal Antibody; PNPT1 Antibody (Center); Polyribonucleotide nucleotidyltransferase 1; mitochondrial; 3'-5' RNA exonuclease OLD35; PNPase old-35; Polynucleotide phosphorylase 1; PNPase 1; Polynucleotide phosphorylase-like protein; PNPASE; anti-PNPT1 antibody

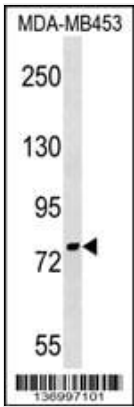
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PNPT1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 284-311 amino acids from the Central region of human PNPT1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	284-311
Sequence Length	783
Applicable Applications for anti-PNPT1 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
PNPT1 Antibody (Center) western blot analysis in mouse kidney tissue lysates (35ug/lane).This demonstrates the PNPT1 antibody detected the PNPT1 protein (arrow).



WB (Western Blot)
PNPT1 Antibody (Center) western blot analysis in MDA-MB453 cell line lysates (35ug/lane).This demonstrates the PNPT1 antibody detected the PNPT1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-PNPT1 antibody	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]).
Product Categories/Family for anti-PNPT1 antibody	Cell Biology; Immunology; Metabolism; Microbiology; Signal Transduction
References	Wang, G., et al. Cell 142(3):456-467(2010) Das, S.K., et al. Proc. Natl. Acad. Sci. U.S.A. 107(26):11948-11953(2010) Zhao, J., et al. BMC Med. Genet. 11, 96 (2010) : O'Doherty, C., et al. Pharmacogenomics 10(7):1177-1186(2009) Luczynski, W., et al. Neoplasma 56(5):428-434(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	188528628
NCBI GeneID	87178
NCBI Accession #	NP_149100.2
NCBI GenBank Nucleotide #	NM_033109.4
UniProt Accession #	Q8TCS8; Q53SU0; Q68CN1; Q7Z7D1; Q8IWX1; Q96T05; Q9BRU3; Q9BVX0
Molecular Weight	85951
NCBI Official Full Name	polyribonucleotide nucleotidyltransferase 1, mitochondrial
NCBI Official Synonym Full Names	polyribonucleotide nucleotidyltransferase 1
NCBI Official Symbol	PNPT1
NCBI Official Synonym Symbols	OLD35; DFNB70; PNPASE; old-35; COXPD13
NCBI Protein Information	polyribonucleotide nucleotidyltransferase 1, mitochondrial
UniProt Protein Name	Polyribonucleotide nucleotidyltransferase 1, mitochondrial
UniProt Gene Name	PNPT1
UniProt Synonym Gene Names	PNPASE; PNPase 1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pnpt1-antibody-western-blot-elisa/285769>