

PNPT1 mouse monoclonal antibody (hybridoma)

Catalog # H00087178-M

Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant PNPT1.
Immunogen	PNPT1 (NP_149100.1, 1 a.a. ~ 783 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MAACRYCCSCLRLRPLSDGPFLLPRDRALTQLQVRALWSSAGSRAVAVDLGNRKLEISSGKLA RFADGSAVVQSGDTAVMVTAVSKTKPSQFMPLVVDYRQKAAAAGRIPTNYLRREVGTSDEIL TSRIIDRSIRPLFPAGYFYDTQVLCNLLAVDGVNEPDVLAINGASVALSLSDIPWNGPVGAVRIGIIDG EYVNPTRKEMSSSTLNLVVAGAPKSQVMLEASAENILQQDFCHAIKVGKVTQQIIQGIQQLVKE TGVTKRTPQKLFTPSPEIVKYTHKLAMERLYAVFTDYEHDKVSRDEAVNKIRLDTEEQLEKEFPEA DPYEIIIESFNVVAKEVFRSMLNEYKRCGRDLTSLRNVSCVDMFKTLHGSALFQRGQTQVLCTV TFDSLESIGKSDQVITAINGIKDNFMLHYEFPPYATNEIGKVTGLNRRELGHGALAEKALYPVIPRD FPFTIRVTSEVLESNGSSSMASACGGSALMDSGVPISAVAGVAIGLVTKTDPEKGEIEDYRLLT DILGIEDYNGDMDFKAGTNKGITALQADIKLPGIPIKIVMEAIQQASVAKKEILQIMNKTISKPRASRKE NGPVVETVQVPLSKRAKFGPGGYNLKKLQAETGVTISQVDEETFSVFAPTPSAMHEARDFITEIC KDDQEQQLFEGAVYTATITEIRDTGVMVKLYPNMTAVLLHNTQLDQRKIKHPTALGLEVGQEIQVKY FGRDPADGRMRLSRKVLQSPATTVVRTLNDRSSVMGEPISQSSSNSQ
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (91); Rat (92)
Quality Control Testing	Antibody reactivity and specificity confirmed by ELISA and Western Blot.
Deliverables	Up to 5 positive hybridoma clones will be delivered to customer in the cryotube format.
Note	Customer should check the viability of the hybridomas within one month from the date of receipt. Fee -for-service of long term hybridoma storage can be performed upon customer's request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

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](#)