



Anti-PNPT1 monoclonal antibody (DCABH-12965)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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]).
Immunogen	A synthetic peptide of human PNPT1 is used for rabbit immunization.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Protein A
Conjugate	Unconjugated
Applications	Western Blot (Transfected lysate); ELISA
Buffer	In 1x PBS, pH 7.4
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	PNPT1 polyribonucleotide nucleotidyltransferase 1 [Homo sapiens]
Official Symbol	PNPT1

Synonyms	PNPT1; polyribonucleotide nucleotidyltransferase 1; polyribonucleotide nucleotidyltransferase 1, mitochondrial; 3 5 RNA exonuclease; old 35; OLD35; PNPase; polynucleotide phosphorylase; PNPase 1; PNPase old-35; 3-5 RNA exonuclease OLD35; polynucleotide phosphorylase 1; polynucleotide phosphorylase-like protein; PNPASE; old-35; DKFZp762K1914;
Entrez Gene ID	87178
Protein Refseq	NP_149100
UniProt ID	Q8TCS8
Chromosome Location	2p15
Pathway	Purine metabolism, organism-specific biosystem; Purine metabolism, conserved biosystem; Pyrimidine metabolism, organism-specific biosystem; Pyrimidine metabolism, conserved biosystem; RNA degradation, organism-specific biosystem; RNA degradation, conserved biosystem.
Function	3-5-exoribonuclease activity; exonuclease activity; hydrolase activity; miRNA binding; poly(G) RNA binding; poly(U) RNA binding; polyribonucleotide nucleotidyltransferase activity; protein binding; transferase activity;