

Datasheet for ABIN7466488
anti-PNPT1 antibody



[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	PNPT1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PNPT1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	The immunogen used to generate this antibody corresponds to human PNPase.
Clone:	4C11
Isotype:	IgG1
Cross-Reactivity:	Human
Purification:	Affinity purified by Protein G.

Target Details

Target:	PNPT1
Alternative Name:	polyribonucleotide nucleotidyltransferase 1 (PNPT1 Products)
Background:	Polyribonucleotide nucleotidyltransferase 1 , COXPD13 , DFNB70 , OLD35 , PNPASE , old-35,The

Target Details

protein encoded by this gene belongs to the evolutionary conserved polynucleotide phosphorylase family comprised of phosphate dependent 3'-to-5' exoribonucleases implicated in RNA processing and degradation. This enzyme is predominantly localized in the mitochondrial intermembrane space and is involved in import of RNA to mitochondria. Mutations in this gene have been associated with combined oxidative phosphorylation deficiency-13 and autosomal recessive nonsyndromic deafness-70. Related pseudogenes are found on chromosomes 3 and 7. [provided by RefSeq, Dec 2012]

Molecular Weight: 86 kDa

Gene ID: 87178

UniProt: [Q8TCS8](#)

Application Details

Application Notes: WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher.
Not tested in other applications.

Comment: Positive Control: Jurkat , Raji , K562 , THP-1

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: 1XPBS (pH 7), 20 % Glycerol, No Preservative

Preservative: Without preservative

Storage: 4 °C,-20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.