

PNPT1 polyclonal antibody

Catalog: BS62427

Host: Rabbit

Reactivity: Human,Rat,Mouse

BackGround:

Mitochondrial polyribonucleotide nucleotidyltransferase, also designated 3'-5' RNA exonuclease, OLD35, PNPase or PNPT1, is an evolutionally conserved protein in which the mouse protein shares 90% identity with the human version. PNPase participates in mRNA degradation and hydrolyzes single-stranded ribonucleotides in the 3' to 5' direction. PNPase forms homotrimers and is upregulated in response to interferon- β induction. The N-terminus of PNPase contains a putative mitochondrial targeting sequence; mutation analysis confirms that N-terminal sequences of PNPase target the protein to the mitochondria. Endogenous PNPase also co-localizes with a mitochondrial marker protein in HeLa cells.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.4.

Molecular Weight:

~ 88 kDa

Swiss-Prot:

Q8TCS8

Purification&Purity:

The protein was purified from E.coli and the purity is > 95% (by SDS-PAGE).

Applications:

WB:1:500~1:1000 IHC:1:50~1:200

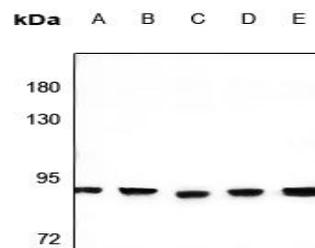
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -24 °C long term. Avoid freeze-thaw cycles.

Specificity:

PNPT1 polyclonal antibody detects endogenous levels of PNPT1 protein.

DATA:



Western blot (WB) analysis of PNPT1 polyclonal antibody at 1:500 dilution

LaneA:PC12 whole cell lysate

LaneB:MEF whole cell lysate

LaneC:A549 whole cell lysate

LaneD:L02 whole cell lysate

LaneE:HCT116 whole cell lysate

Note:

For research use only, not for use in diagnostic procedure.

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