

PNPT1 Antibody

Catalog No: #37838

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Description

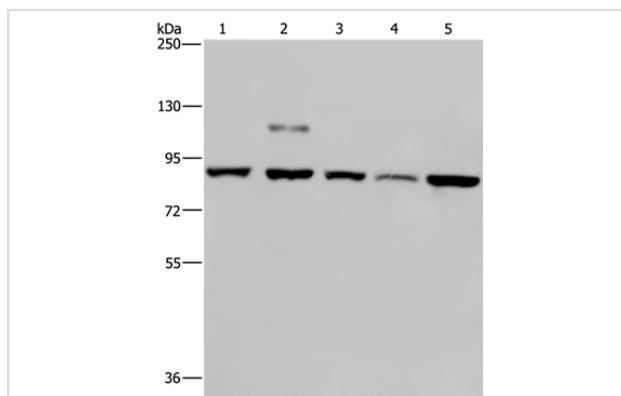
Product Name	PNPT1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total PNPT1 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human polyribonucleotide nucleotidyltransferase 1
Target Name	PNPT1
Other Names	OLD35; DFNB70; PNPASE; old-35; COXPD13
Accession No.	Swiss-Prot#: Q8TCS8NCBI Gene ID: 87178Gene Accssion: NP_149100/Q8TCS8
Uniprot	Q8TCS8
GeneID	87178;
SDS-PAGE MW	86kd
Concentration	2.7mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:200-1:1000

Immunohistochemistry: 1:50-1:200

Images



Gel: 6%SDS-PAGE

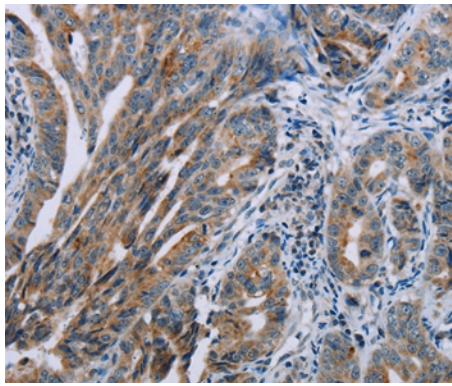
Lysates (from left to right): Jurkat, HeLa and A431 cell, mouse liver tissue and 293T cell

Amount of lysate: 40ug per lane

Primary antibody: 1/200 dilution

Secondary antibody dilution: 1/8000

Exposure time: 2 minutes



Immunohistochemical analysis of paraffin-embedded Human gastric cancer tissue using #37838 at dilution 1/40.

Background

The 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.

Note: This product is for in vitro research use only