

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## **PNPT1 RABBIT PAB**

Cat.#: S220825

**Product Name:** Anti-PNPT1 Rabbit Polyclonal Antibody **Synonyms:** OLD35; DFNB70; PNPASE; old-35; COXPD13 **UNIPROT ID:** Q8TCS8 (Gene Accession - NP\_149100)

**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.

**Immunogen:** Synthetic peptide of human PNPT1

Applications: ELISA, IHC

**Recommended Dilutions:** IHC: 50-200; ELISA: 2000-5000

Host Species: Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG **Purification:** Antigen affinity purification **Species Reactivity:** Human, Mouse

Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40%

glycerol

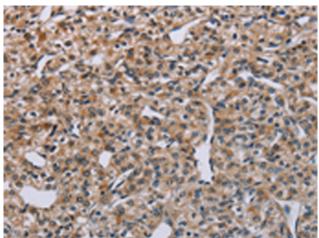
Research Areas: Epigenetics and Nuclear Signaling, Cancer, Metabolism, Immunology

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing

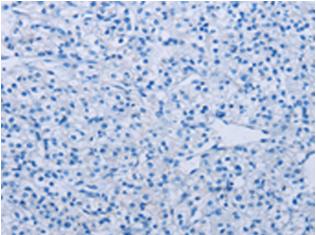


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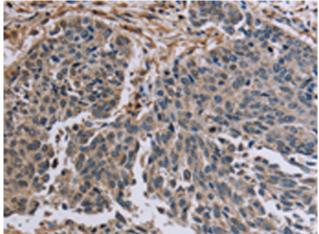
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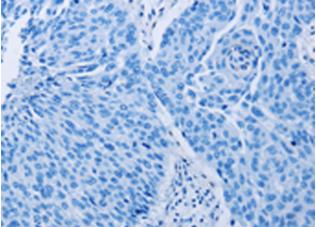
Immunohistochemistry analysis of paraffin embedded Human prostate cancer tissue using 220825(PNPTI Antibody) at a dilution of 1/40(Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human prostate cancer tissue is first treated with the synthetic peptide and then with 220825(Anti-PNPTI Antibody) at dilution 1/40.



The image on the left is immunohistochemistry of paraffinembedded Human lung cancer tissue using 220825(Anti-PNPTI Antibody) at a dilution of 1/40.



In comparision with the IHC on the left, the same paraffin-embedded Human lung cancer tissue is first treated with synthetic peptide and then with D262070(Anti-PNPTI Antibody) at dilution 1/40.