

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## NAPRT RABBIT PAB

Cat.#: S219050

**Product Name:** Anti-NAPRT Rabbit Polyclonal Antibody

Synonyms: NAPRT1; PP3856

UNIPROT ID: Q6XQN6 (Gene Accession - BC032466)

**Background:** Nicotinic acid (NA; niacin) is converted by nicotinic acid phosphoribosyltransferase (NAPRT; EC 2.4.2.11) to NA mononucleotide (NaMN), which is then converted to NA adenine dinucleotide (NaAD), and finally to nicotinamide adenine dinucleotide (NAD), which serves as a coenzyme in cellular redox reactions and is an essential component of a variety of processes in cellular metabolism including response to stress (Hara et al., 2007).

Immunogen: Fusion protein of human NAPRT

Applications: ELISA, IHC

Recommended Dilutions: IHC: 50-300; ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

**Purification:** Antigen affinity purification

Species Reactivity: Human

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

**Research Areas:** Metabolism, Epigenetics and Nuclear Signaling, Cell Biology

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

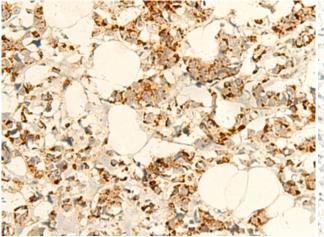


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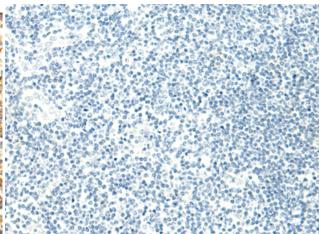
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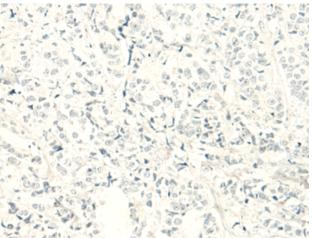
Immunohistochemistry analysis of paraffin embedded Human tonsil tissue using 219050(NAPRT Antibody) at a dilution of 1/50(Cytoplasm).



The image on the left is immunohistochemistry of paraffinembedded Human breast cancer tissue using cancer tissue is first treated with fusion 219050(Anti-NAPRT Antibody) at a dilution of 1/50.



In comparision with the IHC on the left, the same paraffin-embedded Human tonsil tissue is first treated with the fusion protein and then with 219050(Anti-NAPRT Antibody) at dilution 1/50.



In comparision with the IHC on the left, the same paraffin-embedded Human breast protein and then with D225721(Anti-NAPRT Antibody) at dilution 1/50.