

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## **NDUFB2 RABBIT PAB**

**Cat.#:** S221255

**Product Name:** Anti-NDUFB2 Rabbit Polyclonal Antibody

Synonyms: AGGG; CI-AGGG

**UNIPROT ID:** 095178 (Gene Accession - NP\_004537)

**Background:** The protein encoded by this gene is a subunit of the multisubunit NADH:ubiquinone oxidoreductase (complex I). Mammalian complex I is composed of 45 different subunits. This protein has NADH dehydrogenase activity and oxidoreductase activity. It plays a important role in transfering electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone. Hydropathy analysis revealed that this subunit and 4 other subunits have an overall hydrophilic pattern, even though they are found within the hydrophobic protein (HP) fraction of complex I.

Immunogen: Synthetic peptide of human NDUFB2

Applications: ELISA, IHC

**Recommended Dilutions:** IHC: 25-100; ELISA: 2000-5000

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

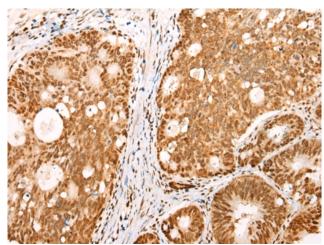
Research Areas: Metabolism

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

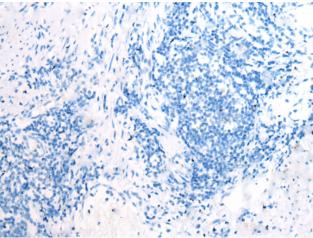


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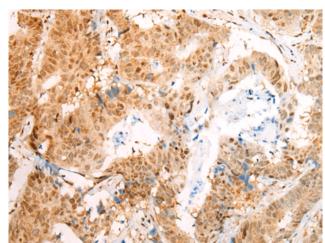
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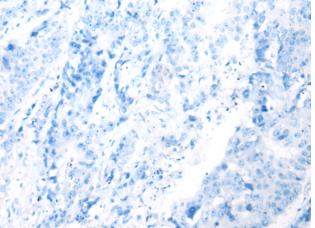
Immunohistochemistry analysis of paraffin embedded Human gastric cancer tissue using 221255(NDUFB2 Antibody) at a dilution of 1/20(Nucleus and Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human gastric cancer tissue is first treated with the synthetic peptide and then with 221255(Anti-NDUFB2 Antibody) at dilution 1/20.



The image on the left is immunohistochemistry of paraffinembedded Human colorectal cancer tissue using 221255(Anti-NDUFB2 Antibody) at a dilution of 1/20.



In comparision with the IHC on the left, the same paraffin-embedded Human colorectal cancer tissue is first treated with synthetic peptide and then with D262771(Anti-NDUFB2 Antibody) at dilution 1/20.