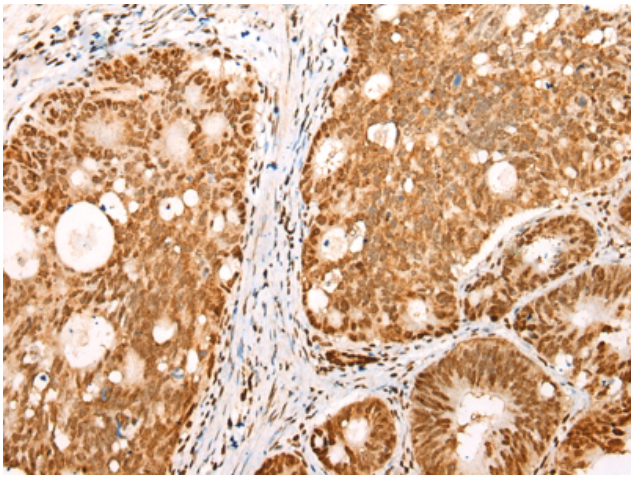
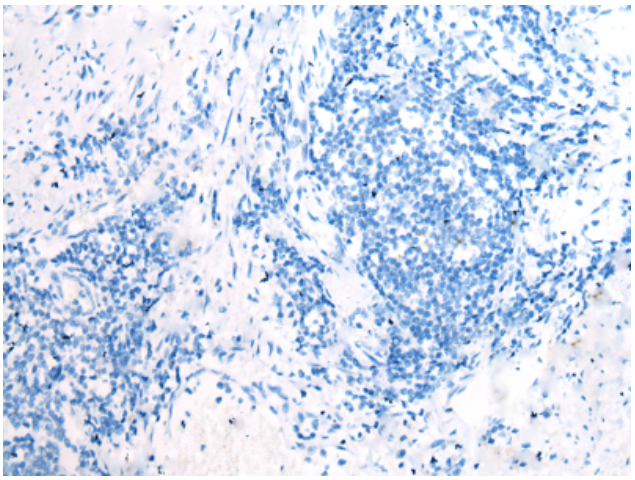
NDUFB2 RABBIT PAB

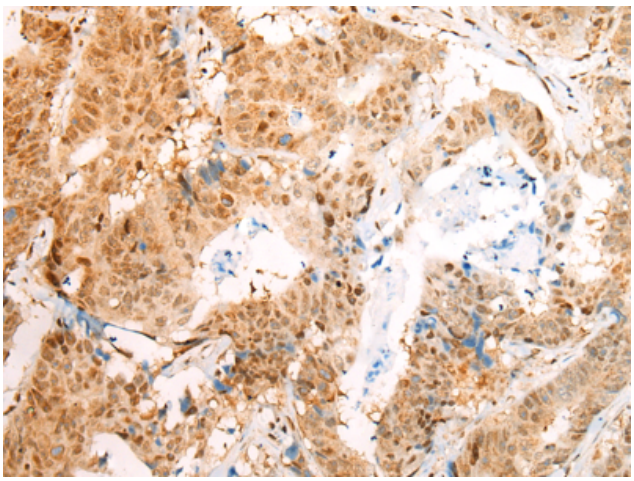
Cat.#: S221255
Product Name: Anti-NDUFB2 Rabbit Polyclonal Antibody
Synonyms: AGGG; CI-AGGG
UNIPROT ID: O95178 (Gene Accession - NP_004537)
Background: The protein encoded by this gene is a subunit of the multisubunit NADH:ubiquinone oxidoreductase (complex I). Mammalian complex I is composed of 45 different 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



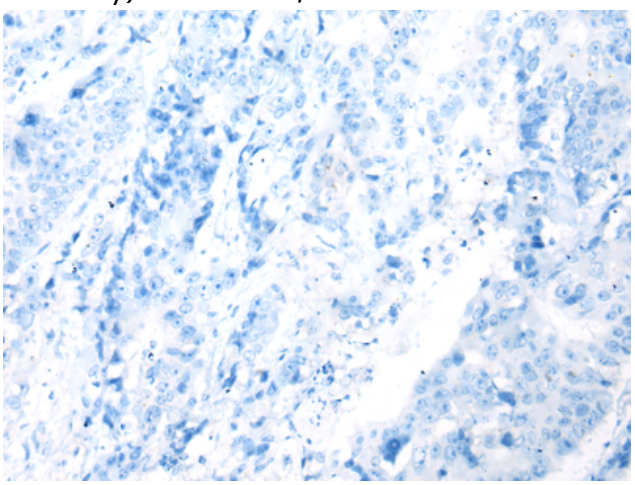
Immunohistochemistry analysis of paraffin embedded Human gastric cancer tissue using 221255(NDUFB2 Antibody) at a dilution of 1/20(Nucleus and Cytoplasm).



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 paraffin-embedded 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.