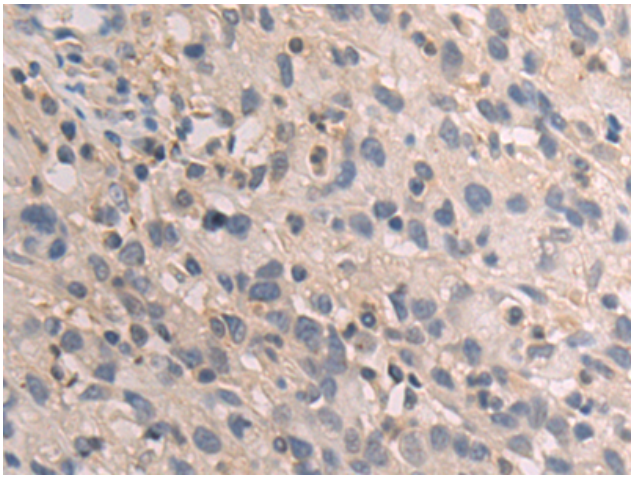
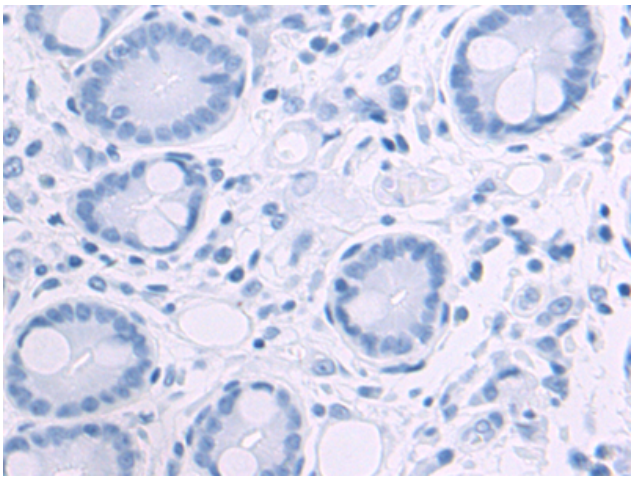
GBE1 RABBIT PAB

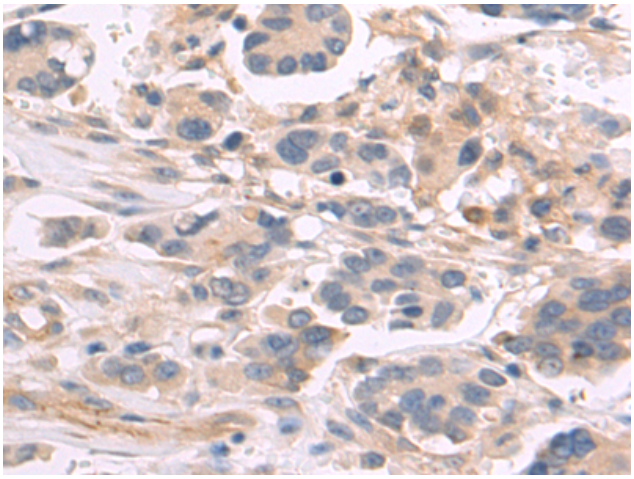
Cat.#: S219399
Product Name: Anti-GBE1 Rabbit Polyclonal Antibody
Synonyms: GBE; APBD; GSD4
UNIPROT ID: Q04446 (Gene Accession - BC012098)
Background: The protein encoded by this gene is a glycogen branching enzyme that catalyzes the transfer of alpha-1,4-linked glucosyl units from the outer end of a glycogen chain to an alpha-1,6 position on the same or a neighboring glycogen chain. Branching of the chains is essential to increase the solubility of the glycogen molecule and, consequently, in reducing the osmotic pressure within cells. Highest level of this enzyme are found in liver and muscle. Mutations in this gene are associated with glycogen storage disease IV (also known as Andersen's disease).
Immunogen: Fusion protein of human GBE1
Applications: ELISA, IHC
Recommended Dilutions: IHC: 50-200; ELISA: 5000-10000
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: Metabolism, Cancer
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



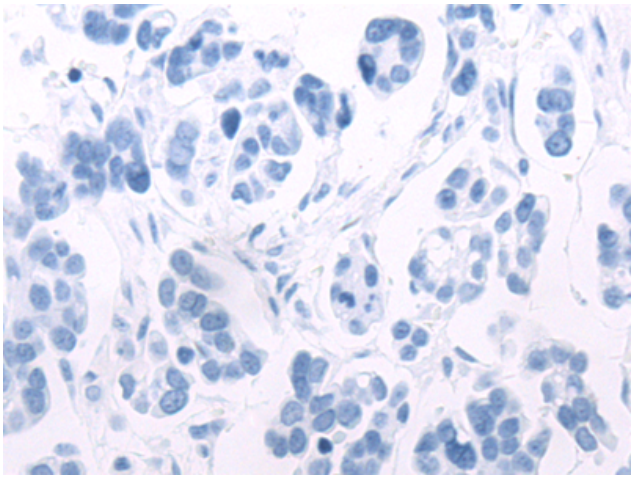
Immunohistochemistry analysis of paraffin embedded Human gastric cancer tissue using 219399(GBE1 Antibody) at a dilution of 1/80(Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human gastric cancer tissue is first treated with the fusion protein and then with 219399(Anti-GBE1 Antibody) at dilution 1/80.



The image on the left is immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using 219399(Anti-GBE1 Antibody) at a dilution of 1/80.



In comparision with the IHC on the left, the same paraffin-embedded Human colorectal cancer tissue is first treated with fusion protein and then with D226764(Anti-GBE1 Antibody) at dilution 1/80.