

GALNT1 RABBIT PAB

Cat.#: S213131

Product Name: Anti-GALNT1 Rabbit Polyclonal Antibody

Synonyms: GALNAC-T1

UNIPROT ID: Q10472 (Gene Accession - BC047746)

Background: This gene encodes a member of the UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase (GalNac-T) family of enzymes. GalNac-Ts initiate mucin-type O-linked glycosylation in the Golgi apparatus by catalyzing the transfer of GalNac to serine and threonine residues on target proteins. They are characterized by an N-terminal transmembrane domain, a stem region, a luminal catalytic domain containing a GT1 motif and Gal/GalNac transferase motif, and a C-terminal ricin/lectin-like domain. GalNac-Ts have different, but overlapping, substrate specificities and patterns of expression. Transcript variants derived from this gene that utilize alternative polyA signals have been described in the literature.

Immunogen: Fusion protein of human GALNT1

Applications: ELISA, IHC

Recommended Dilutions: IHC: 50-200; ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

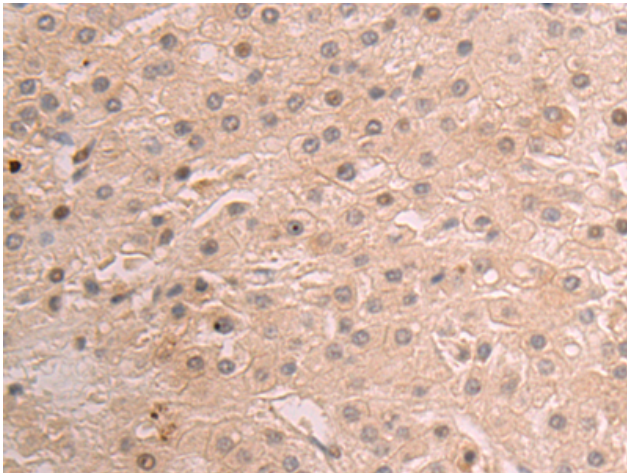
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse, Rat

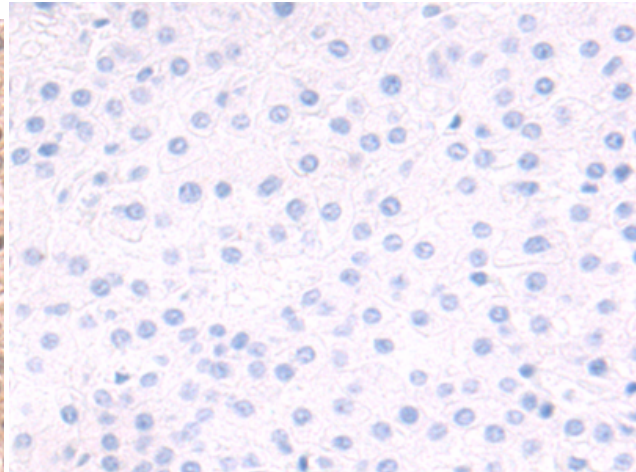
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Signal Transduction, Metabolism

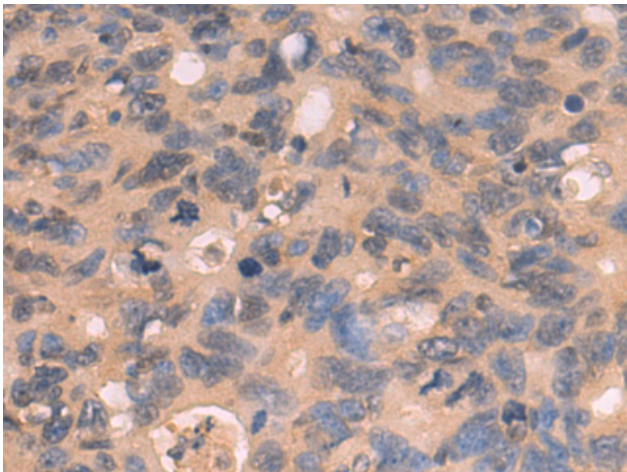
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



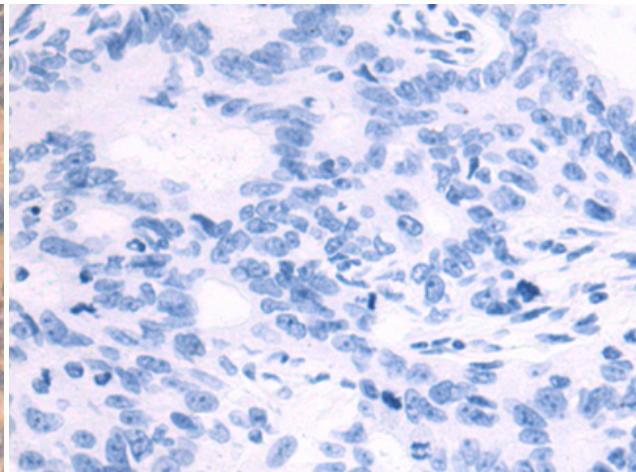
Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 213131 (GALNT1 Antibody) at a dilution of 1/90 (Cytoplasm and Nucleus).



In comparison with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the fusion protein and then with 213131 (Anti-GALNT1 Antibody) at dilution 1/90.



The image on the left is immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using 213131 (Anti-GALNT1 Antibody) at a dilution of 1/90.



In comparison with the IHC on the left, the same paraffin-embedded Human colorectal cancer tissue is first treated with fusion protein and then with D127031 (Anti-GALNT1 Antibody) at dilution 1/90.