

THG1L RABBIT PAB

Cat.#: S219306

Product Name: Anti-THG1L Rabbit Polyclonal Antibody

Synonyms: ICF45; IHG-1; hTHG1

UNIPROT ID: Q9NWX6 (Gene Accession - BC001523)

Background: The protein encoded by this gene is a mitochondrial protein that is induced by high levels of glucose and is associated with diabetic nephropathy. The encoded protein appears to increase mitochondrial biogenesis, which could lead to renal fibrosis. Another function of this protein is that of a guanylttransferase, adding GMP to the 5' end of tRNA(His). Several transcript variants encoding different isoforms have been found for this gene.

Immunogen: Fusion protein of human THG1L

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 50-200;WB: 1000-5000;ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

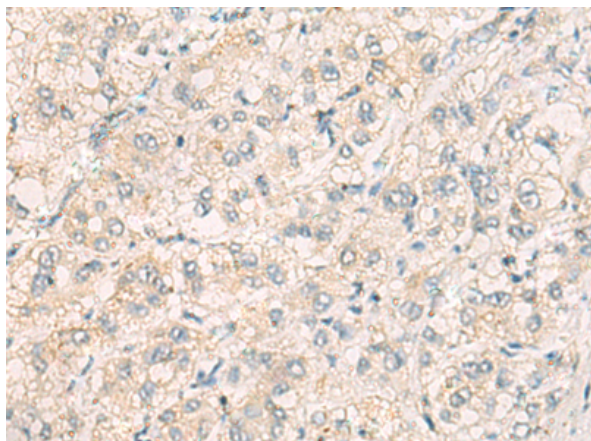
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse, Rat

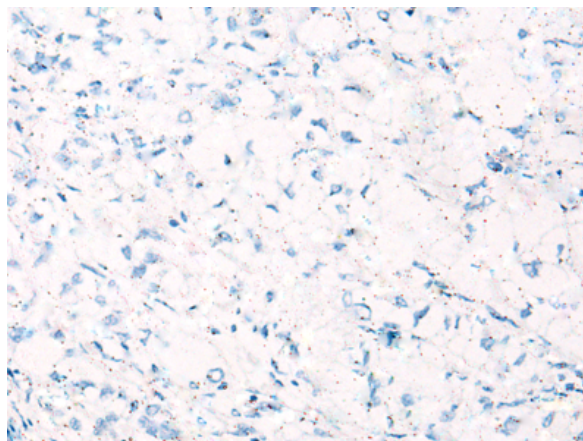
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Cancer

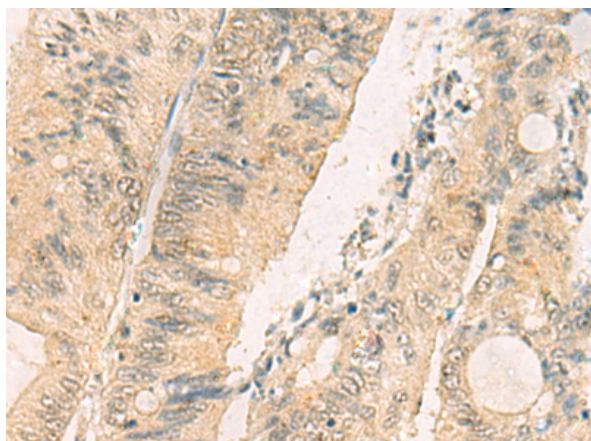
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



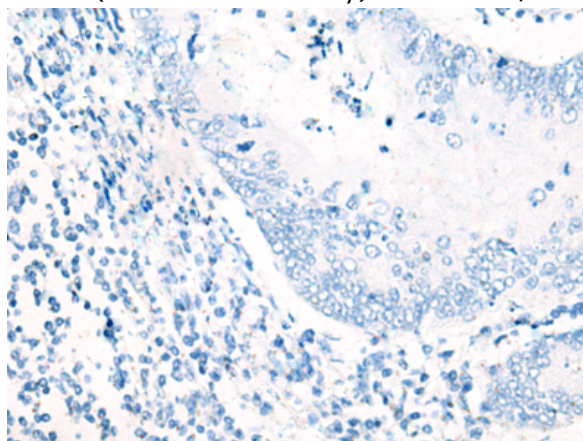
Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 219306 (THGIL Antibody) at a dilution of 1/70 (Cytoplasm).



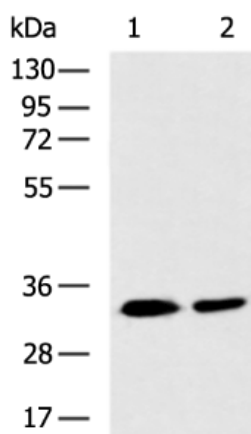
In comparison with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the fusion protein and then with 219306 (Anti-THGIL Antibody) at dilution 1/70.



The image on the left is immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using 219306 (Anti-THGIL Antibody) at a dilution of 1/70.



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 D226260 (Anti-THGIL Antibody) at dilution 1/70.



Gel: 8% SDS-PAGE, Lysate: 40 µg;
 Lane 1-2: HepG2 and RAMOS cell lysates;
 Primary antibody: 219306 (THGIL Antibody) at dilution 1/800;
 Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;
 Exposure time: 1 minute



Product Description

Pioneering GTPase and Oncogene Product Development since 2010
