

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## 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 guanyltransferase, 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

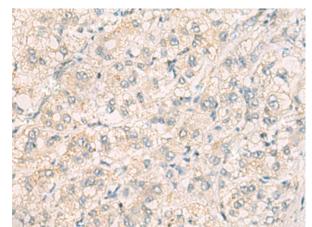
Research Areas: Cancer

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

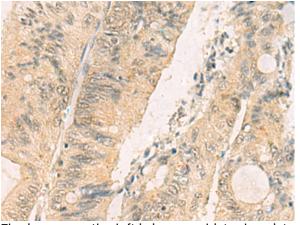


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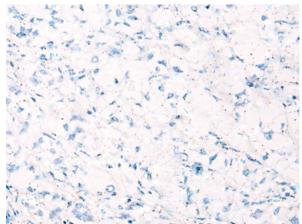
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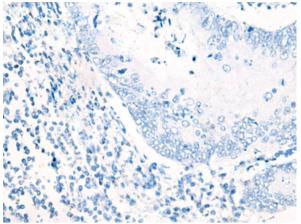
Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 219306(THG1L Antibody) at a dilution of 1/70(Cytoplasm).



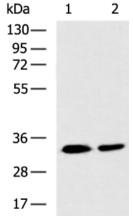
The image on the left is immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using 219306(Anti-THGIL Antibody) at a dilution of 1/70.



In comparision 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.



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 D226260 (Anti-THG1L Antibody) at dilution 1/70.



xposure time: 1 minute

Gel: 8%SDS-PAGE, Lysate: 40 µg; Lane 1-2: HepG2 and RAMOS cell lysates; Primary antibody: 219306(THG1L Antibody) at dilution 1/800; Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;



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