

ATG3 RABBIT PAB

Cat.#: S217017

Product Name: Anti-ATG3 Rabbit Polyclonal Antibody

Synonyms: APG3; APG3L; hApg3; PC3-96; APG3-LIKE

UNIPROT ID: Q9NT62 (Gene Accession - BC024221)

Background: This gene encodes a ubiquitin-like-conjugating enzyme and is a component of ubiquitination-like systems involved in autophagy, the process of degradation, turnover and recycling of cytoplasmic constituents in eukaryotic cells. This protein is known to play a role in regulation of autophagy during cell death. A pseudogene of this gene is located on chromosome 20. Alternative splicing results in multiple transcript variants encoding different isoforms.

Immunogen: Fusion protein of human ATG3

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

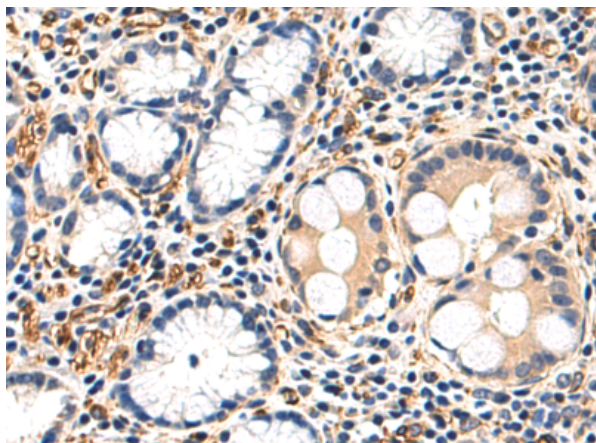
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse, Rat

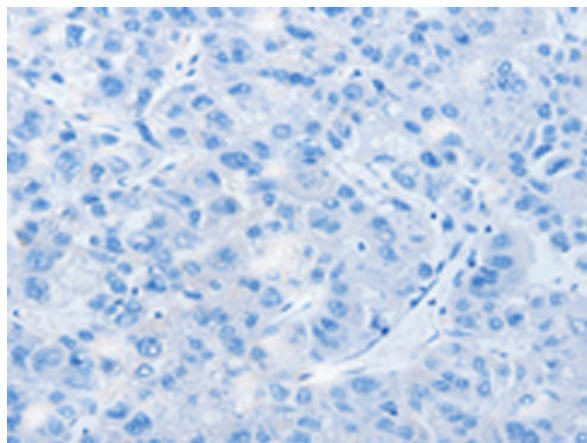
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Cancer, Cell Biology, Neuroscience, Cardiovascular

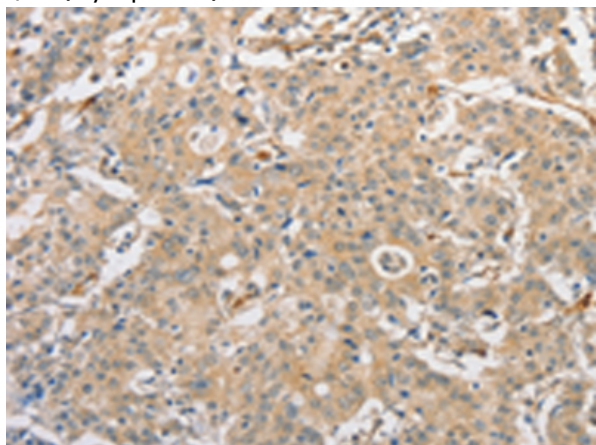
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



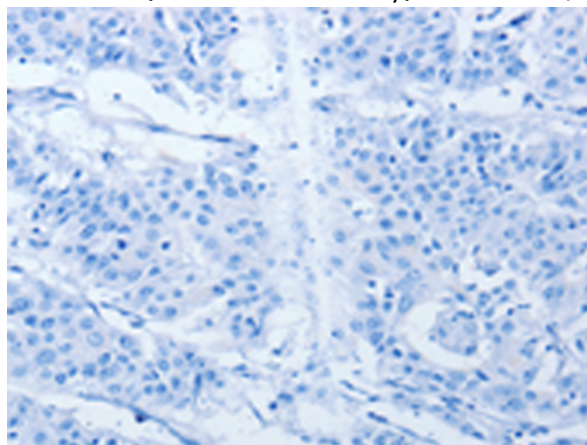
Immunohistochemistry analysis of paraffin embedded Human gastric cancer tissue using 217017(ATG3 Antibody) at a dilution of 1/80(Cytoplasm).



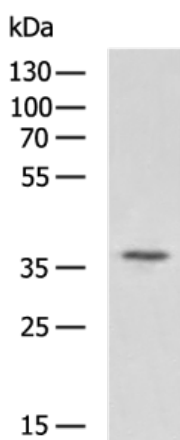
In comparison with the IHC on the left, the same paraffin-embedded Human gastric cancer tissue is first treated with the fusion protein and then with 217017(Anti-ATG3 Antibody) at dilution 1/80.



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 217017(Anti-ATG3 Antibody) at a dilution of 1/80.



In comparison with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with fusion protein and then with D221649(Anti-ATG3 Antibody) at dilution 1/80.



Gel: 8%SDS-PAGE, Lysate: 40 µg;
Lane: Mouse brain tissue lysate;
Primary antibody: 217017(ATG3 Antibody) at dilution 1/1350;
Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;
Exposure time: 20 seconds



Product Description

Pioneering GTPase and Oncogene Product Development since 2010
