

ATG12 RABBIT PAB

Cat.#: S217019

Product Name: Anti-ATG12 Rabbit Polyclonal Antibody

Synonyms: APG12; FBR93; APG12L; HAPG12

UNIPROT ID: O94817 (Gene Accession - BC011033)

Background: Autophagy is a process of bulk protein degradation in which cytoplasmic components, including organelles, are enclosed in double-membrane structures called autophagosomes and delivered to lysosomes or vacuoles for degradation. ATG12 is the human homolog of a yeast protein involved in autophagy.

Immunogen: Fusion protein of human ATG12

Applications: ELISA, IHC

Recommended Dilutions: IHC: 50-200; ELISA: 2000-5000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

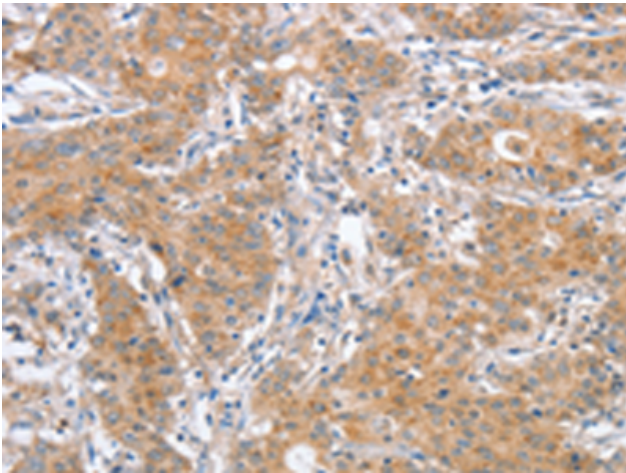
Purification: Antigen affinity purification

Species Reactivity: Human

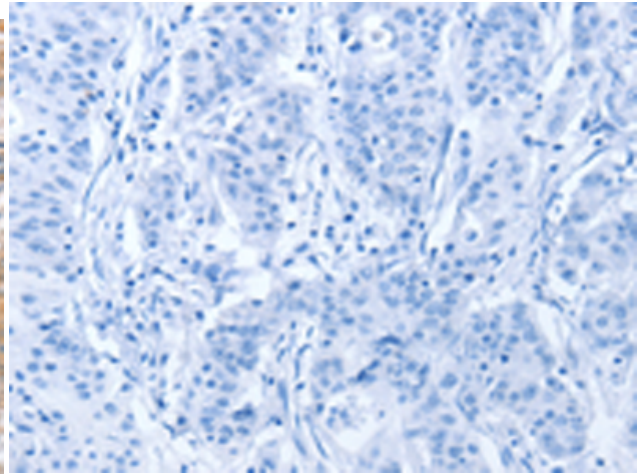
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Cancer, Cell Biology, Cardiovascular

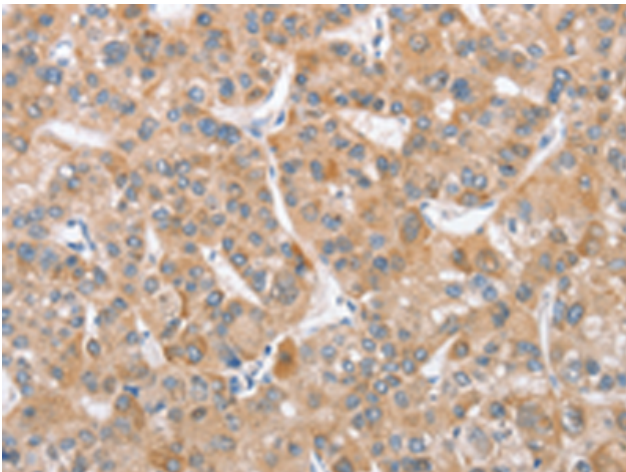
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



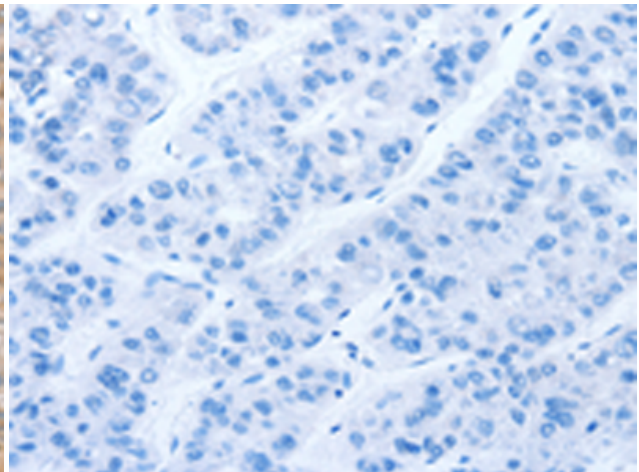
Immunohistochemistry analysis of paraffin embedded Human gastric cancer tissue using 217019 (ATG12 Antibody) at a dilution of 1/40 (Cytoplasm).



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 217019 (Anti-ATG12 Antibody) at dilution 1/40.



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 217019 (Anti-ATG12 Antibody) at a dilution of 1/40.



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 D221651 (Anti-ATG12 Antibody) at dilution 1/40.