

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

ATG16L1 RABBIT PAB

Cat.#: S221204

Product Name: Anti-ATG16L1 Rabbit Polyclonal Antibody **Synonyms:** IBD10; WDR30; APG16L; ATG16A; ATG16L **UNIPROT ID:** Q676U5 (Gene Accession - NP_110430)

Background: The protein encoded by this gene is part of a large protein complex that is necessary for autophagy, the major process by which intracellular components are targeted to lysosomes for degradation. Defects in this gene are a cause of susceptibility to inflammatory bowel disease type 10 (IBD10). Several transcript variants encoding different isoforms have been found for this gene.

Immunogen: Synthetic peptide of human ATG16L1

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 30-150;WB: 500-2000;ELISA: 2000-5000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG **Purification:** Antigen affinity purification **Species Reactivity:** Human, Mouse

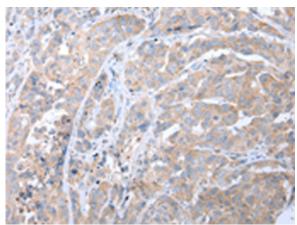
Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Cancer, Cell Biology, Neuroscience, Cardiovascular Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing

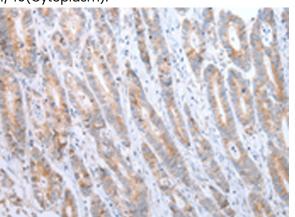


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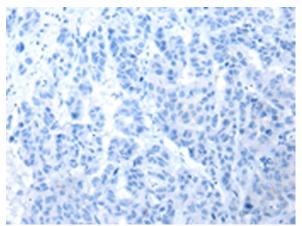
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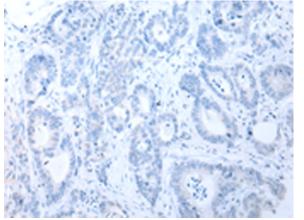
Immunohistochemistry analysis of paraffin embedded Human breast cancer tissue using 221204(ATG16L1 Antibody) at a dilution of 1/40(Cytoplasm).



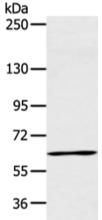
using 221204(Anti-ATG16L1 Antibody) at a dilution of 1/40.



In comparision with the IHC on the left, the same paraffin-embedded Human breast cancer tissue is first treated with the synthetic peptide and then with 221204(Anti-ATG16L1 Antibody) at dilution 1/40.



The image on the left is immunohistochemistry of In comparision with the IHC on the left, the same paraffin-embedded Human gastric cancer tissue paraffin-embedded Human gastric cancer tissue is first treated with synthetic peptide and then with D262704(Anti-ATG16L1 Antibody) at dilution 1/40.



Gel: 6%SDS-PAGE, Lysate: 40 µg;

Lane: Raji cell;

Primary antibody: 221204(ATG16L1 Antibody) at

dilution 1/600;

Secondary antibody: Goat anti rabbit IgG at

1/8000 dilution;

Exposure time: 20 seconds



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