

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## ATP1B2 RABBIT PAB

Cat.#: S217193

**Product Name:** Anti-ATP1B2 Rabbit Polyclonal Antibody

Synonyms: AMOG

UNIPROT ID: P14415 (Gene Accession - BC126175 )

**Background:** The protein encoded by this gene belongs to the family of Na+/K+ and H+/K+ ATPases beta chain proteins, and to the subfamily of Na+/K+ -ATPases. Na+/K+ -ATPase is an integral membrane protein responsible for establishing and maintaining the electrochemical gradients of Na and K ions across the plasma membrane. These gradients are essential for osmoregulation, for sodium-coupled transport of a variety of organic and inorganic molecules, and for electrical excitability of nerve and muscle. This enzyme is composed of two subunits, a large catalytic subunit (alpha) and a smaller glycoprotein subunit (beta).

**Immunogen:** Fusion protein of human ATP1B2

Applications: ELISA, IHC

Recommended Dilutions: IHC: 25-100; ELISA: 1000-2000

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

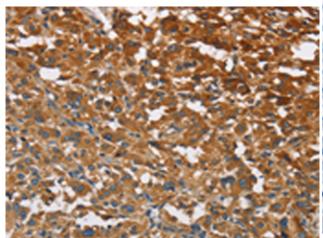
Research Areas: Metabolism

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

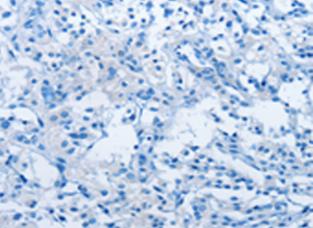


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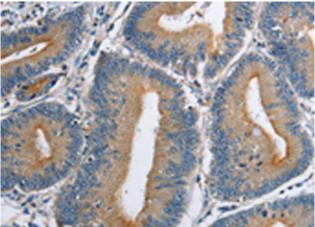
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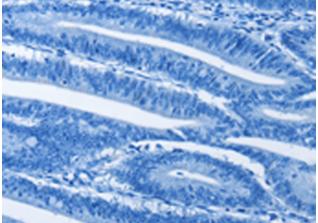
Immunohistochemistry analysis of paraffin embedded Human thyroid cancer tissue using 217193(ATP1B2 Antibody) at a dilution of 1/30(Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human thyroid cancer tissue is first treated with the fusion protein and then with 217193(Anti-ATP1B2 Antibody) at dilution 1/30.



The image on the left is immunohistochemistry of paraffinembedded Human colon cancer tissue using 217193(Anti-ATP1B2 Antibody) at a dilution of 1/30.



In comparision with the IHC on the left, the same paraffin-embedded Human colon cancer tissue is first treated with fusion protein and then with D221958 (Anti-ATPIB2 Antibody) at dilution 1/30.