

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

ATOX1 RABBIT PAB

Cat.#: S211519

Product Name: Anti-ATOX1 Rabbit Polyclonal Antibody

Synonyms: ATX1; HAH1

UNIPROT ID: 000244 (Gene Accession - BC112248)

Background: This gene encodes a copper chaperone that plays a role in copper homeostasis by binding and transporting cytosolic copper to ATPase proteins in the trans-Golgi network for later incorporation to the ceruloplasmin. This protein also functions as an antioxidant against superoxide and hydrogen peroxide, and therefore, may play a significant role in cancer carcinogenesis. Because of its cytogenetic location, this gene represents a candidate gene for 5q-

syndrome.

Immunogen: Fusion protein of human ATOX1

Applications: ELISA, IHC

Recommended Dilutions: IHC: 25-100; ELISA: 2000-5000

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

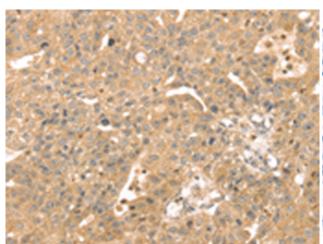
Research Areas: Metabolism, Cell Biology

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

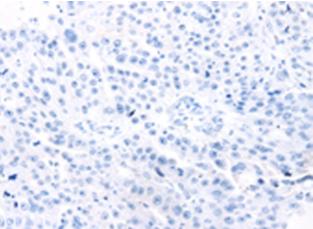


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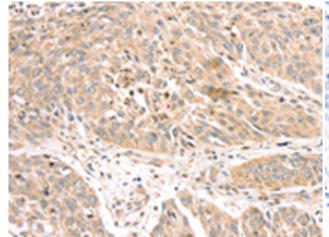
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Immunohistochemistry analysis of paraffin embedded Human breast cancer tissue using 211519(ATOX1 Antibody) at a dilution of 1/30(Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human breast cancer tissue is first treated with the fusion protein and then with 211519(Anti-ATOX1 Antibody) at dilution 1/30.



The image on the left is immunohistochemistry of paraffinembedded Human lung cancer tissue using 211519 (Anti-ATOX1 Antibody) at a dilution of 1/30.

