

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

ATP2A3 RABBIT PAB

Cat.#: S220897

Product Name: Anti-ATP2A3 Rabbit Polyclonal Antibody

Synonyms: SERCA3

UNIPROT ID: Q93084 (Gene Accession - NP_777615)

Background: This gene encodes one of the SERCA Ca(2+)-ATPases, which are intracellular

pumps located in the sarcoplasmic or endoplasmic reticula of muscle cells. This enzyme catalyzes

the hydrolysis of ATP coupled with the translocation of calcium from the cytosol to the

sarcoplasmic reticulum lumen, and is involved in calcium sequestration associated with muscular excitation and contraction. Alternative splicing results in multiple transcript variants encoding

different isoforms.

Immunogen: Synthetic peptide of human ATP2A3

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

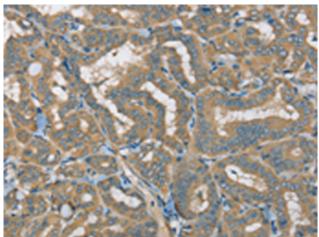
Research Areas: Metabolism, Signal Transduction

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

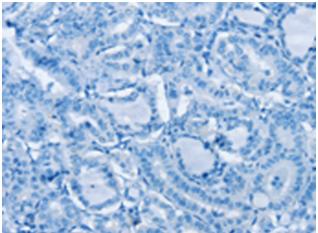


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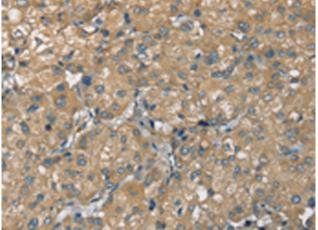
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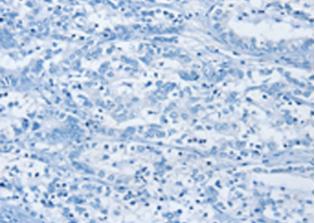
Immunohistochemistry analysis of paraffin embedded Human thyroid cancer tissue using 220897(ATP2A3 Antibody) at a dilution of 1/30 (Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human thyroid cancer tissue is first treated with the synthetic peptide and then with 220897(Anti-ATP2A3 Antibody) at dilution 1/30.



The image on the left is immunohistochemistry of paraffinembedded Human liver cancer tissue using 220897(Anti-ATP2A3 Antibody) at a dilution of peptide and then with D262187(Anti-ATP2A3 1/30.



In comparision with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with synthetic Antibody) at dilution 1/30.