

AKAP6 RABBIT PAB

Cat.#: S213797

Product Name: Anti-AKAP6 Rabbit Polyclonal Antibody

Synonyms: ADAP6; PRKA6; mAKAP; ADAP100; AKAP100

UNIPROT ID: Q13023 (Gene Accession - NP_004265)

Background: The A-kinase anchor proteins (AKAPs) are a group of structurally diverse proteins, which have the common function of binding to the regulatory subunit of protein kinase A (PKA) and confining the holoenzyme to discrete locations within the cell. This gene encodes a member of the AKAP family. The encoded protein is highly expressed in various brain regions and cardiac and skeletal muscle. It is specifically localized to the sarcoplasmic reticulum and nuclear membrane, and is involved in anchoring PKA to the nuclear membrane or sarcoplasmic reticulum.

Immunogen: Synthetic peptide of human AKAP6

Applications: ELISA, IHC

Recommended Dilutions: IHC: 50-200; ELISA: 3000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

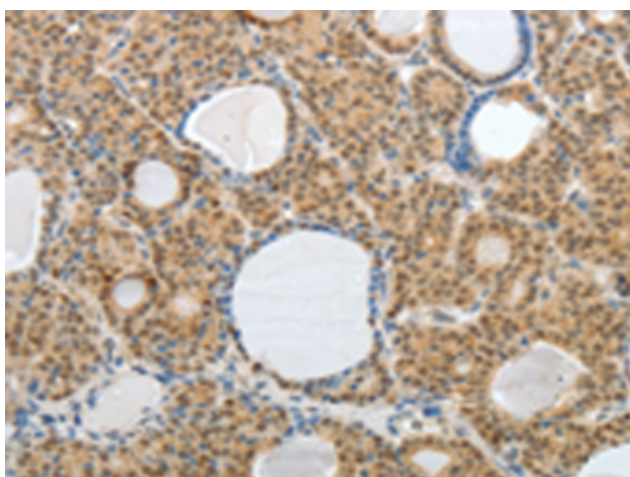
Purification: Antigen affinity purification

Species Reactivity: Human

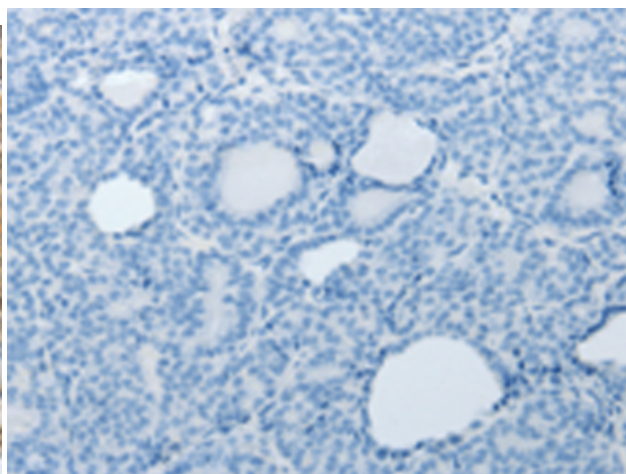
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Cancer

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



Immunohistochemistry analysis of paraffin embedded Human thyroid cancer tissue using 213797(AKAP6 Antibody) at a dilution of 1/30(Nucleus).



In comparison with the IHC on the left, the same paraffin-embedded Human thyroid cancer tissue is first treated with the synthetic peptide and then with 213797(Anti-AKAP6 Antibody) at dilution 1/30.