

AKAP4 RABBIT PAB

Cat.#: S216965

Product Name: Anti-AKAP4 Rabbit Polyclonal Antibody

Synonyms: HI; p82; CT99; FSC1; PRKA4; AKAP-4; AKAP82; AKAP 82; hAKAP82

UNIPROT ID: Q5JQC9 (Gene Accession - BC126250)

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 localized to the sperm flagellum and may be involved in the regulation of sperm motility. Alternative splicing of this gene results in two transcript variants encoding different isoforms.

Immunogen: Fusion protein of human AKAP4

Applications: ELISA, IHC

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

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

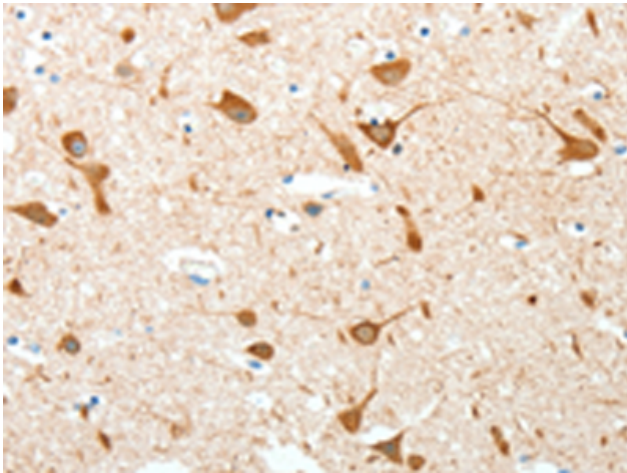
Purification: Antigen affinity purification

Species Reactivity: Human

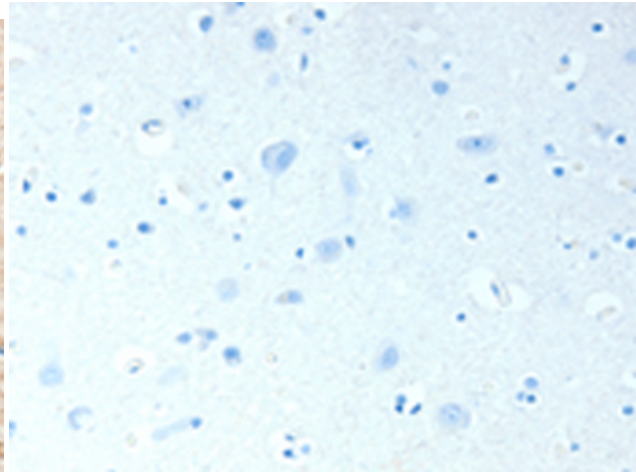
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Signal Transduction

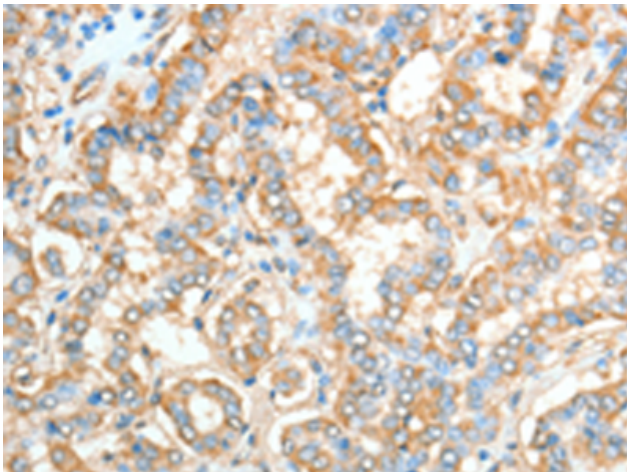
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



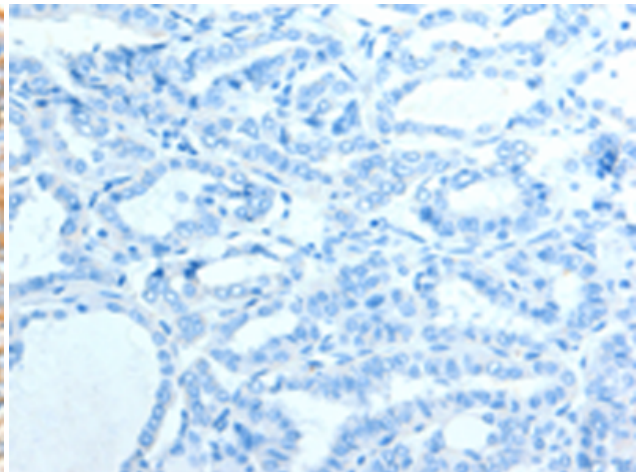
Immunohistochemistry analysis of paraffin embedded Human brain tissue using 216965(AKAP4 Antibody) at a dilution of 1/10(Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human brain tissue is first treated with the fusion protein and then with 216965(Anti-AKAP4 Antibody) at dilution 1/10.



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using 216965(Anti-AKAP4 Antibody) at a dilution of 1/10.



In comparison with the IHC on the left, the same paraffin-embedded Human thyroid cancer tissue is first treated with fusion protein and then with D221557(Anti-AKAP4 Antibody) at dilution 1/10.