

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

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



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



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



In comparision 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.



In comparision 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.