

## AKAP9 RABBIT PAB

**Cat.#:** S210746

**Product Name:** Anti-AKAP9 Rabbit Polyclonal Antibody

**Synonyms:** LQT11; PRKA9; AKAP-9; CG-NAP; YOTIAO; AKAP350; AKAP450; PPP1R45; HYPERION; MURMS-40.16A

**UNIPROT ID:** Q99996

**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. Alternate splicing of this gene results in at least two isoforms that localize to the centrosome and the Golgi apparatus, and interact with numerous signaling proteins from multiple signal transduction pathways. These signaling proteins include type II protein kinase A, serine/threonine kinase protein kinase N, protein phosphatase 1, protein phosphatase 2a, protein kinase C-epsilon and phosphodiesterase 4D3.

**Immunogen:** Fusion protein of human AKAP9

**Applications:** ELISA, IHC

**Recommended Dilutions:** IHC: Oct-50; ELISA: 1000-2000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

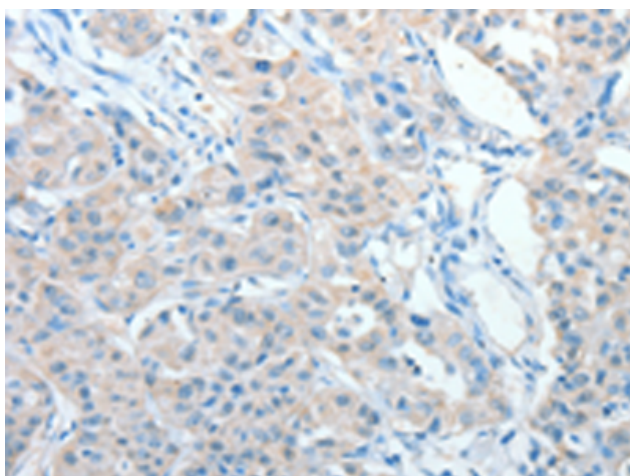
**Purification:** Antigen affinity purification

**Species Reactivity:** Human

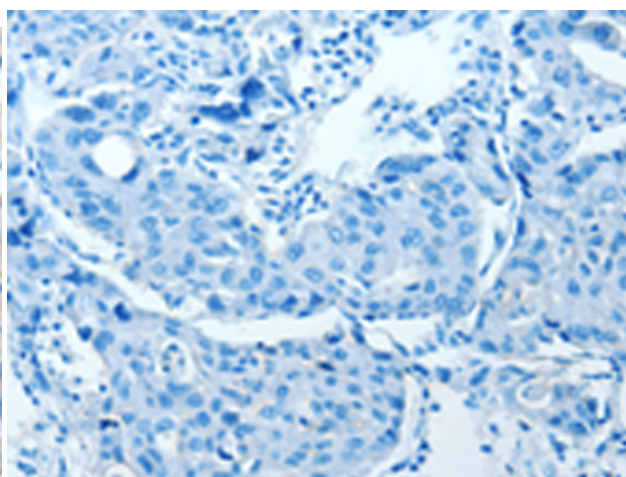
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Neuroscience

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



Immunohistochemistry analysis of paraffin embedded Human lung cancer tissue using 210746(AKAP9 Antibody) at a dilution of 1/10(Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human lung cancer tissue is first treated with the fusion protein and then with 210746(Anti-AKAP9 Antibody) at dilution 1/10.



# Product Description

Pioneering GTPase and Oncogene Product Development since 2010

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