

APH1A RABBIT PAB

Cat.#: S214980

Product Name: Anti-APH1A Rabbit Polyclonal Antibody

Synonyms: APH-1; APH-1A; CGI-78; 6530402N02Rik

UNIPROT ID: Q96BI3 (Gene Accession - NP_057106)

Background: This gene encodes a component of the gamma secretase complex that cleaves integral membrane proteins such as Notch receptors and beta-amyloid precursor protein. The gamma secretase complex contains this gene product, or the paralogous anterior pharynx defective 1 homolog B (APH1B), along with the presenilin, nicastrin, and presenilin enhancer-2 proteins. The precise function of this seven-transmembrane-domain protein is unknown though it is suspected of facilitating the association of nicastrin and presenilin in the gamma secretase complex as well as interacting with substrates of the gamma secretase complex prior to their proteolytic processing. Polymorphisms in a promoter region of this gene have been associated with an increased risk for developing sporadic Alzheimer's disease. Alternative splicing results in multiple protein-coding and non-protein-coding transcript variants.

Immunogen: Synthetic peptide of human APH1A

Applications: ELISA, IHC

Recommended Dilutions: IHC: 20-100; ELISA: 2000-5000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

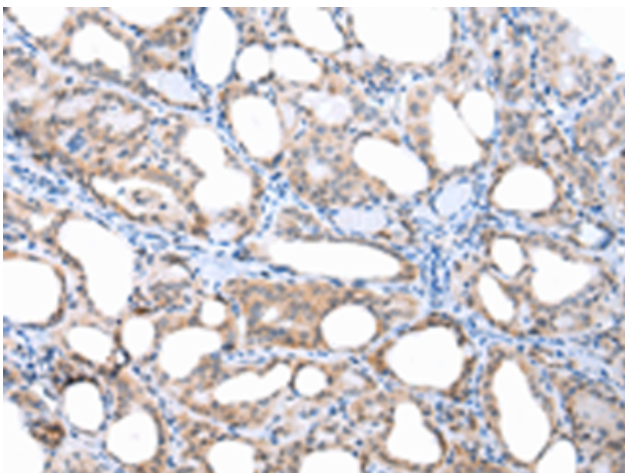
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse

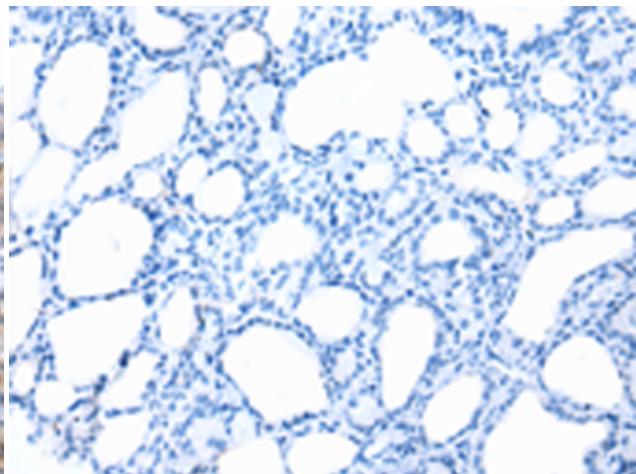
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Neuroscience, Signal Transduction

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



Immunohistochemistry analysis of paraffin embedded Human thyroid cancer tissue using 214980 (APH1A Antibody) at a dilution of 1/25 (Cytoplasm).



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 214980 (Anti-APH1A Antibody) at dilution 1/25.



Product Description

Pioneering GTPase and Oncogene Product Development since 2010
