

TRPC4AP RABBIT PAB

Cat.#: S217951

Product Name: Anti-TRPC4AP Rabbit Polyclonal Antibody

Synonyms: TRUSS; TRRP4AP; PPIR158; C20orf188

UNIPROT ID: Q8TEL6 (Gene Accession - BC013144)

Background: TRPC4AP (transient receptor potential cation channel, subfamily C, member 4 associated protein), also known as TRUSS or TRRP4AP, is a 797 amino acid protein that is expressed in a variety of tissues, with highest expression in liver, heart, testis and brain. Thought to function as a scaffolding protein, TRPC4AP interacts with TNF-R1 and may both link TNF-R1 to the IKK signalosome complex and participate in the activation of NF- κ B p50, an event that occurs in response to TNF-R1 ligation. TRPC4AP exists as multiple alternatively spliced isoforms that are encoded by a gene which maps to human chromosome 20. Comprising approximately 2% of the human genome, chromosome 20 contains nearly 63 million bases that encode over 600 genes, some of which are associated with Creutzfeldt-Jakob disease, amyotrophic lateral sclerosis, spinal muscular atrophy, ring chromosome 20 epilepsy syndrome and Alagille syndrome.

Immunogen: Fusion protein of human TRPC4AP

Applications: ELISA, IHC

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

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

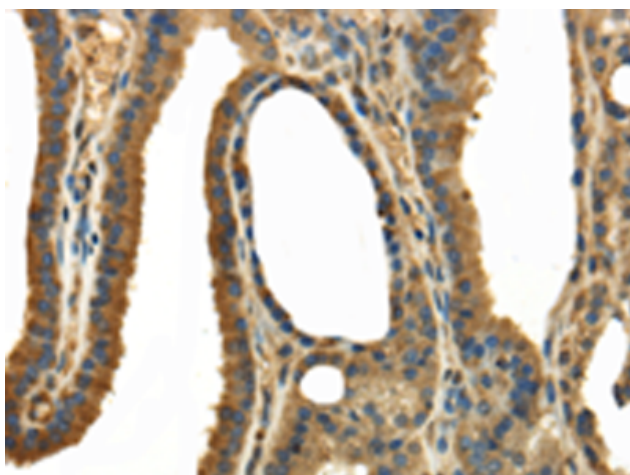
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse

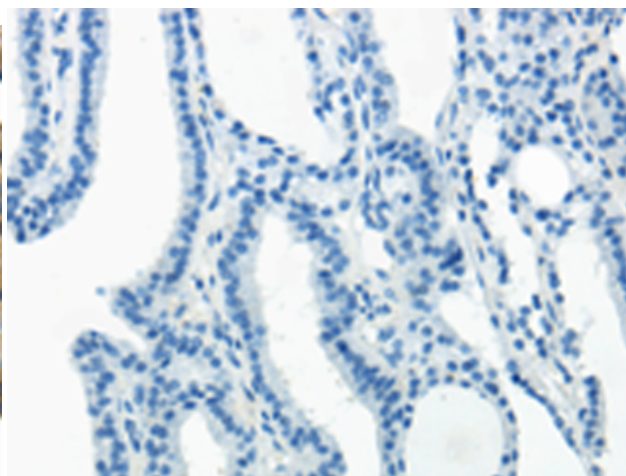
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Signal Transduction, Epigenetics and Nuclear Signaling

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



Immunohistochemistry analysis of paraffin embedded Human thyroid cancer tissue using 217951 (TRPC4AP Antibody) at a dilution of 1/30 (Cytoplasm and Cell membrane).



In comparison with the IHC on the left, the same paraffin-embedded Human thyroid cancer tissue is first treated with the fusion protein and then with 217951 (Anti-TRPC4AP Antibody) at dilution 1/30.



Product Description

Pioneering GTPase and Oncogene Product Development since 2010
