

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

SCNN1A RABBIT PAB

Cat.#: S220368

Product Name: Anti-SCNN1A Rabbit Polyclonal Antibody **Synonyms:** BESC2; ENaCa; SCNEA; SCNN1; ENaCalpha **UNIPROT ID:** P37088 (Gene Accession - NP_001029)

Background: Nonvoltage-gated, amiloride-sensitive, sodium channels control fluid and electrolyte transport across epithelia in many organs. These channels are heteromeric complexes consisting of 3 subunits: alpha, beta, and gamma. This gene encodes the alpha subunit, and mutations in this gene have been associated with pseudohypoaldosteronism type 1 (PHA1), a rare salt wasting disease resulting from target organ unresponsiveness to mineralocorticoids. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.

Immunogen: Synthetic peptide of human SCNN1A

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

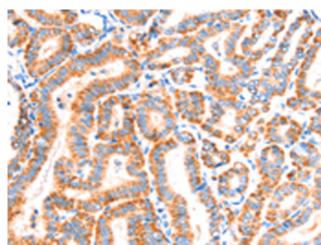
Research Areas: Metabolism, Neuroscience

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

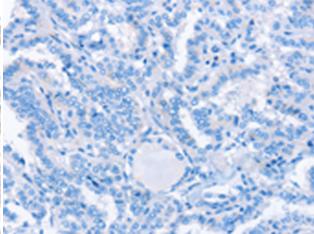


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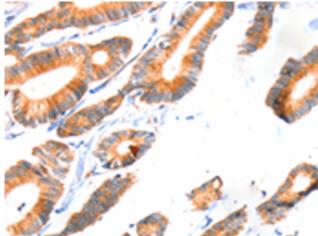
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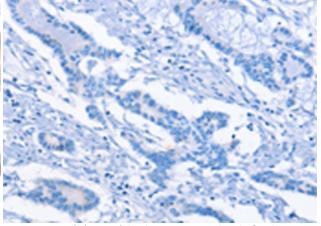
Immunohistochemistry analysis of paraffin embedded Human thyroid cancer tissue using 220368(SCNN1A Antibody) at a dilution of 1/30 (Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human thyroid cancer tissue is first treated with the synthetic peptide and then with 220368(Anti-SCNNIA Antibody) at dilution 1/30.



The image on the left is immunohistochemistry of paraffinembedded Human colon cancer tissue using 220368(Anti-SCNN1A Antibody) at a dilution of peptide and then with D261436(Anti-SCNN1A 1/30.



In comparision with the IHC on the left, the same paraffin-embedded Human colon cancer tissue is first treated with synthetic Antibody) at dilution 1/30.