

## ARHGAP4 RABBIT PAB

**Cat.#:** S220311

**Product Name:** Anti-ARHGAP4 Rabbit Polyclonal Antibody

**Synonyms:** C1; RGC1; p115; SrGAP4; RhoGAP4

**UNIPROT ID:** P98171 (Gene Accession - NP\_001657 )

**Background:** This gene encodes a member of the rhoGAP family of proteins which play a role in the regulation of small GTP-binding proteins belonging to the RAS superfamily. The protein encoded by the orthologous gene in rat is localized to the Golgi complex and can redistribute to microtubules. The rat protein stimulates the activity of some Rho GTPases in vitro. Genomic deletions of this gene and a neighboring gene have been found in patients with nephrogenic diabetes insipidus. Multiple transcript variants encoding different isoforms have been found for this gene.

**Immunogen:** Synthetic peptide of human ARHGAP4

**Applications:** ELISA, IHC

**Recommended Dilutions:** IHC: 25-100; ELISA: 1000-2000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

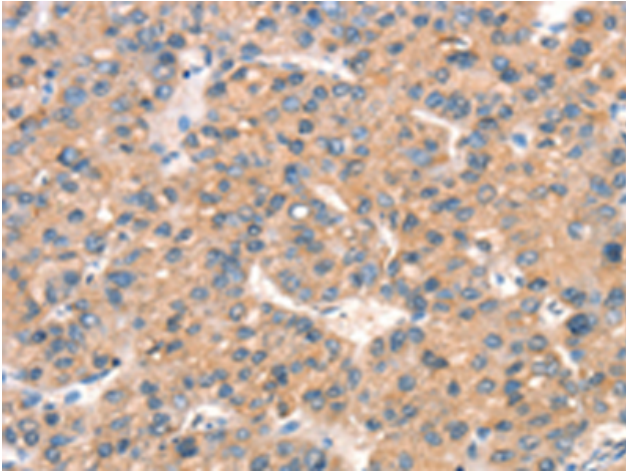
**Purification:** Antigen affinity purification

**Species Reactivity:** Human

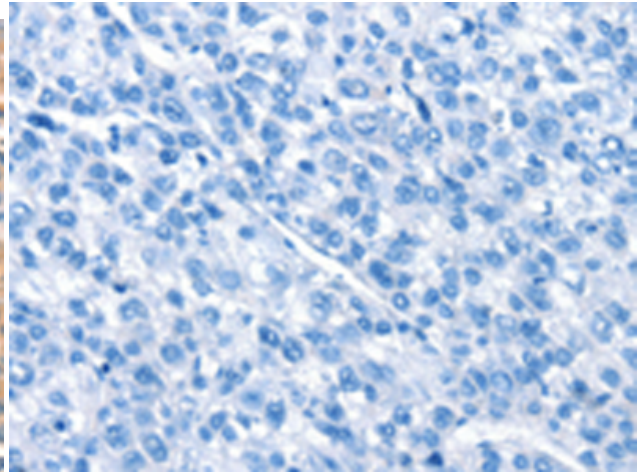
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Signal Transduction

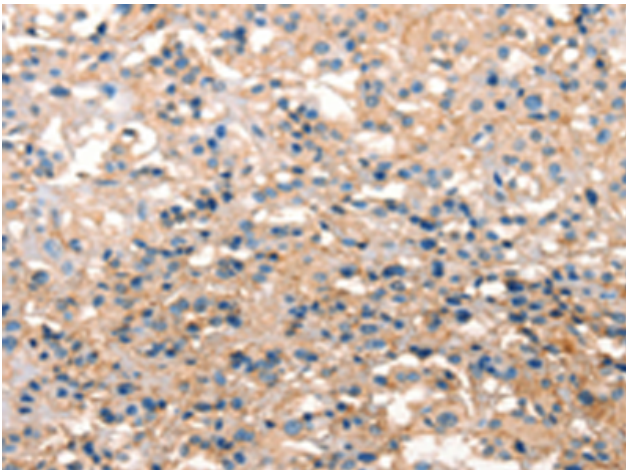
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



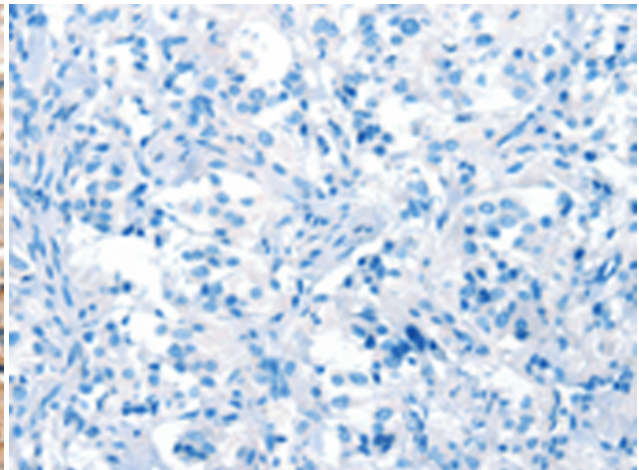
Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 220311 (ARHGAP4 Antibody) at a dilution of 1/25 (Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the synthetic peptide and then with 220311 (Anti-ARHGAP4 Antibody) at dilution 1/25.



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using 220311 (Anti-ARHGAP4 Antibody) at a dilution of 1/25.



In comparison with the IHC on the left, the same paraffin-embedded Human thyroid cancer tissue is first treated with synthetic peptide and then with D261319 (Anti-ARHGAP4 Antibody) at dilution 1/25.