

## GRAMD2A RABBIT PAB

**Cat.#:** S215915

**Product Name:** Anti-GRAMD2A Rabbit Polyclonal Antibody

**Synonyms:** GRAMD2

**UNIPROT ID:** Q8IU3 (Gene Accession - NP\_001012660 )

**Background:** Participates in the organization of endoplasmic reticulum-plasma membrane contact sites (EPCS) with pleiotropic functions including STIM1 recruitment and calcium homeostasis. Constitutive tether that co-localize with ESYT2/3 tethers at endoplasmic reticulum-plasma membrane contact sites in a phosphatidylinositol lipid-dependent manner. Pre-marks the subset of phosphatidylinositol 4,5-bisphosphate (PI(4,5)P<sub>2</sub>)-enriched EPCS destined for the store operated calcium entry pathway (SOCE).

**Immunogen:** Synthetic peptide of human GRAMD2A

**Applications:** ELISA, IHC

**Recommended Dilutions:** IHC: 25-50; ELISA: 5000-10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

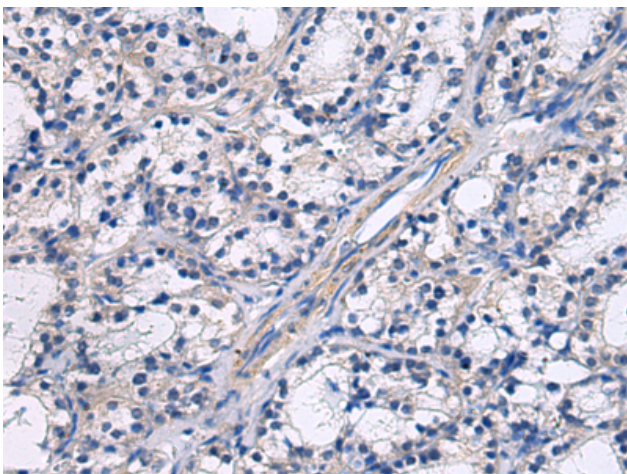
**Purification:** Antigen affinity purification

**Species Reactivity:** Human

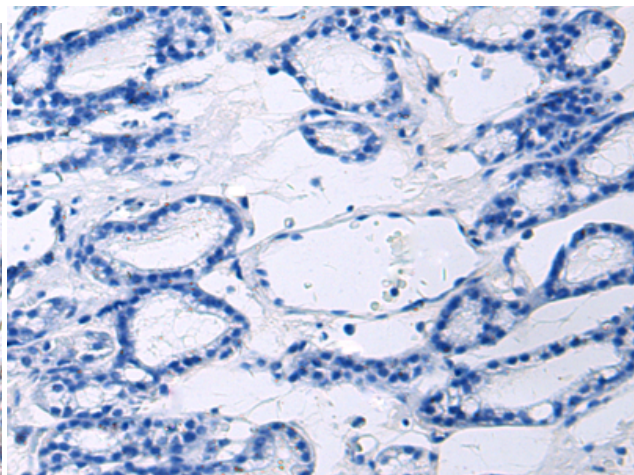
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Cell Biology

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



Immunohistochemistry analysis of paraffin embedded Human thyroid cancer using 215915 (GRAMD2A Antibody) at a dilution of 1/45 (Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human thyroid cancer is first treated with the synthetic peptide and then with 215915 (Anti-GRAMD2A Antibody) at dilution 1/45.