

## GUCA1A RABBIT PAB

**Cat.#:** S219251

**Product Name:** Anti-GUCA1A Rabbit Polyclonal Antibody

**Synonyms:** COD3; GCAP; GUCA; GCAP1; GUCA1; CORD14; C6orf131

**UNIPROT ID:** P43080 (Gene Accession - BC031663 )

**Background:** This gene encodes an enzyme that plays a role in the recovery of retinal photoreceptors from photobleaching. This enzyme promotes the activity of retinal guanylyl cyclase-1 (GC1) at low calcium concentrations and inhibits GC1 at high calcium concentrations. Mutations in this gene can cause cone dystrophy 3 and code-rod dystrophy 14. Alternative splicing results in multiple transcript variants.

**Immunogen:** Fusion protein of human GUCA1A

**Applications:** ELISA, IHC

**Recommended Dilutions:** IHC: 100-300; ELISA: 5000-10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

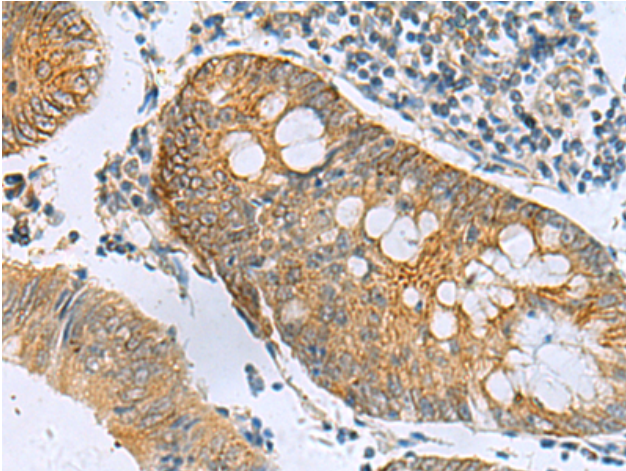
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse

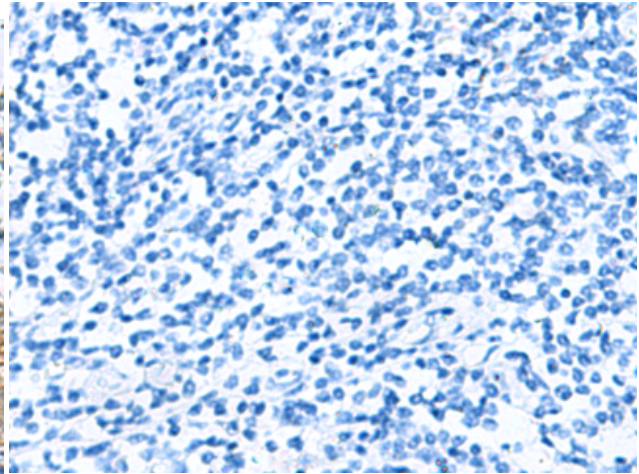
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Neuroscience

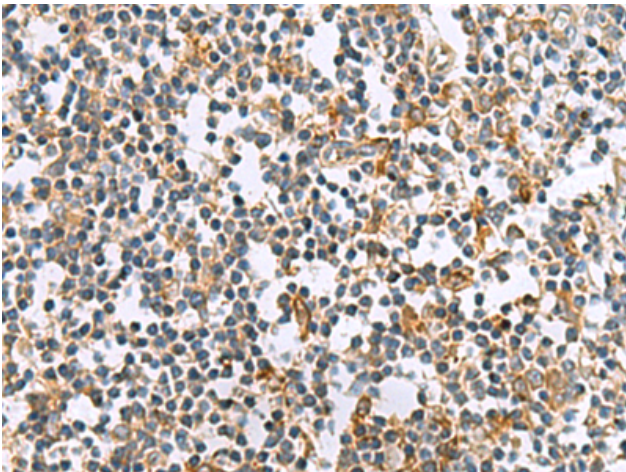
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



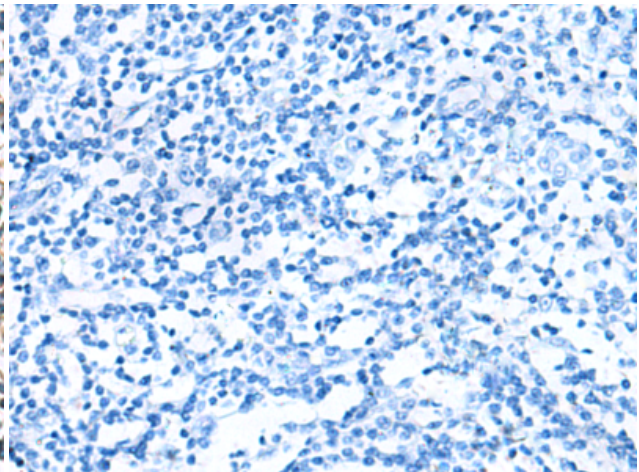
Immunohistochemistry analysis of paraffin embedded Human colorectal cancer tissue using 219251(GUCA1A Antibody) at a dilution of 1/105(Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human colorectal cancer tissue is first treated with the fusion protein and then with 219251(Anti-GUCA1A Antibody) at dilution 1/105.



The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using 219251(Anti-GUCA1A Antibody) at a dilution of 1/105.



In comparison with the IHC on the left, the same paraffin-embedded Human tonsil tissue is first treated with fusion protein and then with D226134(Anti-GUCA1A Antibody) at dilution 1/105.