

## CNGA2 RABBIT PAB

**Cat.#:** S216434

**Product Name:** Anti-CNGA2 Rabbit Polyclonal Antibody

**Synonyms:** CNCA, CNG2, CNCA1, OCNC1, OCNCa, OCNCALPHA

**UNIPROT ID:** Q16280 (Gene Accession - BC126302 )

**Background:** The protein encoded by this gene represents the alpha subunit of a cyclic nucleotide-gated olfactory channel. The encoded protein contains a carboxy-terminal leucine zipper that mediates channel formation. Odorant signal transduction is probably mediated by a G-protein coupled cascade using cAMP as second messenger. The olfactory channel can be shown to be activated by cyclic nucleotides which leads to a depolarization of olfactory sensory neurons.

**Immunogen:** Fusion protein of human CNGA2

**Applications:** ELISA, WB, IHC

**Recommended Dilutions:** IHC: Oct-50;WB: 500-2000;ELISA: 1000-5000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

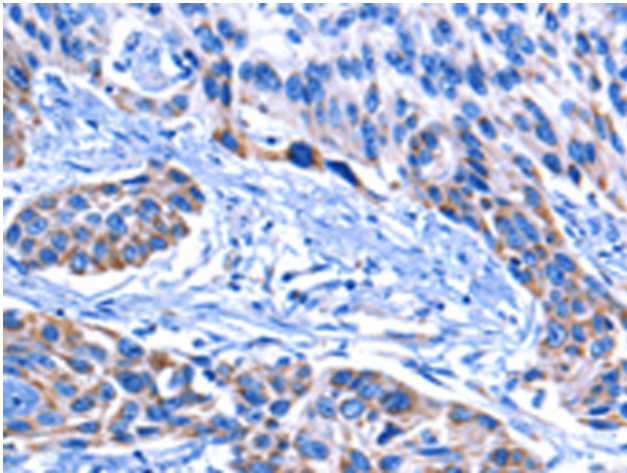
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse, Rat

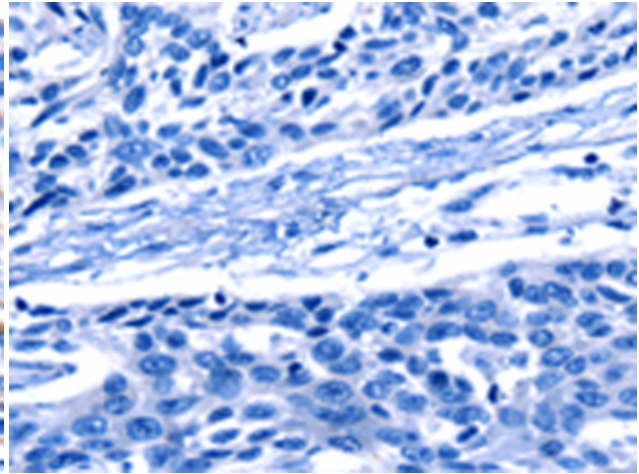
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Neuroscience, Cardiovascular

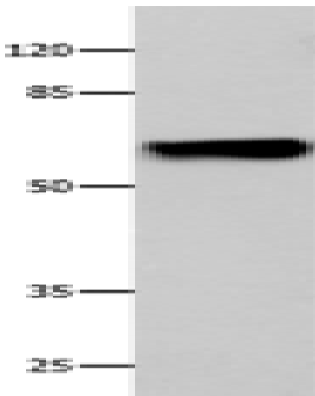
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human esophagus cancer tissue using 216434(CNGA2 Antibody) at a dilution of 1/25(Cytoplasm ).



In comparison with the IHC on the left, the same paraffin-embedded Human esophagus cancer tissue is first treated with the fusion protein and then with 216434(Anti-CNGA2 Antibody) at dilution 1/25.



Gel: 10%SDS-PAGE, Lysate: 30 µg;  
Lane: 293T cells;  
Primary antibody: 216434(CNGA2 Antibody) at dilution 1/500;  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;  
Exposure time: 30 seconds