CNGA4 RABBIT PAB

Cat.#: S221848
Product Name: Anti-CNGA4 Rabbit Polyclonal Antibody
Synonyms: CNG4; CNG5; CNCA2; CNG-4; CNGB2; OCNC2; OCNCb; OCNCBETA
UNIPROT ID: Q8IV77 (Gene Accession - NP_001032406)
Background: Second messenger, cAMP, causes the opening of cation-selective cyclic nucleotide-gated (CNG) channels and depolarization of the neuron (olfactory sensory neurons, OSNs). CNGA4 is the modulatory subunit of this channel which is known to play a central role in the transduction of odorant signals and subsequent adaptation. By accelerating the calcium-mediated negative feedback in olfactory signaling it allows rapid adaptation to odor stimulation and extends its range of odor detection.
Immunogen: Synthetic peptide of human CNGA4
Applications: ELISA, WB, IHC
Recommended Dilutions: IHC: 20-100;WB: 200-1000;ELISA: 1000-2000
Host Species: Rabbit
Clonality: Rabbit Polyclonal
Isotype: Immunogen-specific rabbit IgG
Purification: Antigen affinity purification
Species Reactivity: Human, Mouse, Rat
Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol
Research Areas: Signal Transduction, Neuroscience
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing

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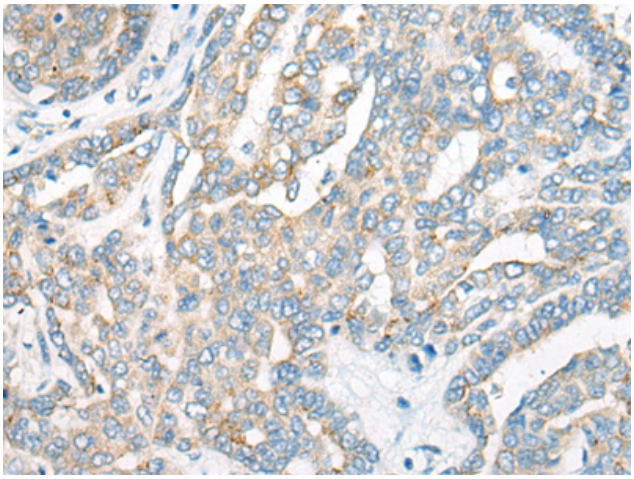
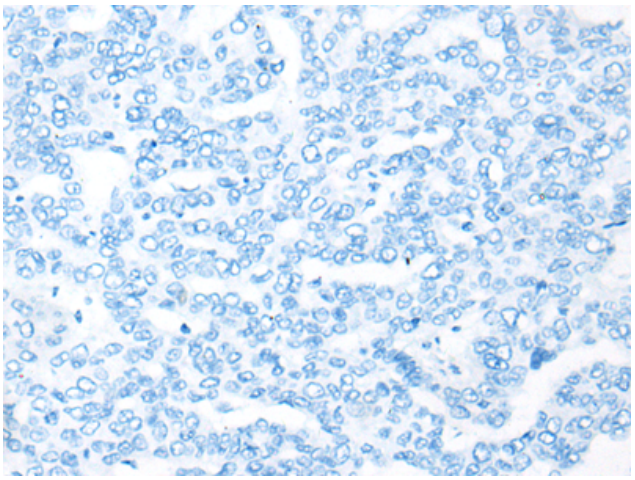
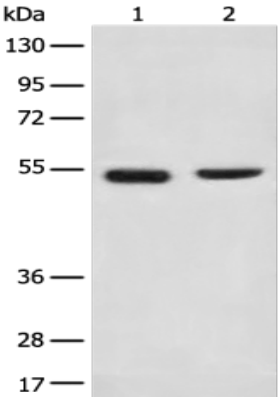


Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 221848(CNGA4 Antibody) at a dilution of 1/20(Cell membrane).



In comparision with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the synthetic peptide and then with 221848(Anti-CNGA4 Antibody) at dilution 1/20.



Gel: 8%SDS-PAGE, Lysate: 40 µg;
Lane 1-2: Human cerebrum tissue and Human cerebella tissue lysates;
Primary antibody: 221848(CNGA4 Antibody) at dilution 1/200;
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;
Exposure time: 5 seconds

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