

CNG-2 Polyclonal Antibody

Catalog # AP69180

Specification

CNG-2 Polyclonal Antibody - Product Information

Application Primary Accession Reactivity Host Clonality WB <u>O16280</u> Human, Mouse, Rat Rabbit Polyclonal

CNG-2 Polyclonal Antibody - Additional Information

Gene ID 1260

Other Names CNGA2; CNCA; CNCA1; CNCG2; Cyclic nucleotide-gated olfactory channel; Cyclic nucleotide-gated cation channel 2; Cyclic nucleotide-gated channel alpha-2; CNG channel alpha-2; CNG-2; CNG2

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/40000. Not yet tested in other applications.

Format Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions -20°C

CNG-2 Polyclonal Antibody - Protein Information

Name CNGA2

Synonyms CNCA, CNCA1, CNCG2

Function

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.

Cellular Location Membrane; Multi-pass membrane protein.

CNG-2 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.



- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

CNG-2 Polyclonal Antibody - Images



CNG-2 Polyclonal Antibody - Background

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.