



CNGA2 Antibody (N-term) Blocking Peptide

Synthetic peptide Catalog # BP14486a

Specification

CNGA2 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession <u>Q16280</u>

CNGA2 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 1260

Other Names

Cyclic nucleotide-gated olfactory channel, Cyclic nucleotide-gated cation channel 2, Cyclic nucleotide-gated channel alpha-2, CNG channel alpha-2, CNG-2, CNG2, CNGA2, CNCA, CNCA1, CNCG2

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

CNGA2 Antibody (N-term) Blocking Peptide - Protein Information

Name CNGA2

Synonyms CNCA, CNCA1, CNCG2

Function

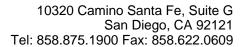
Odorant signal transduction is probably mediated by a G- protein coupled cascade using cAMP as second messenger. The olfactory channel can be shown to be activated by cyclic nucleotides which leads

CNGA2 Antibody (N-term) Blocking Peptide - Background

The protein encoded by this gene represents the alphasubunit of a cyclic nucleotide-gated olfactory channel. The encodedprotein contains a carboxy-terminal leucine zipper that mediateschannel formation.

CNGA2 Antibody (N-term) Blocking Peptide - References

Qu, W., et al. J. Gen. Physiol. 127(4):375-389(2006)Hofmann, F., et al. Pharmacol. Rev. 57(4):455-462(2005)Yoo, D., et al. J. Biol. Chem. 279(8):6863-6873(2004)Cheng, K.T., et al. Histochem. Cell Biol. 120(6):475-481(2003)Trudeau, M.C., et al. J. Biol. Chem. 278(21):18705-18708(2003)





to a depolarization of olfactory sensory neurons.

Cellular Location

Membrane; Multi-pass membrane protein.

CNGA2 Antibody (N-term) Blocking Peptide - Protocols

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

• Blocking Peptides