

**CNGA2 Antibody (N-term) Blocking Peptide**  
Synthetic peptide  
Catalog # BP14486a**Specification****CNGA2 Antibody (N-term) Blocking Peptide -  
Product Information**Primary Accession [Q16280](#)**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 encoded protein  
contains a carboxy-terminal leucine zipper that  
mediates channel 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](#)