

CNGA2 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP4858a**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 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](#)

CNGA2 Antibody (N-term) Blocking Peptide - Images**CNGA2 Antibody (N-term) Blocking Peptide - Background**

CNGA2 represents the alpha subunit 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)