

CNGA4 Antibody (N-term) Blocking peptide

Synthetic peptide Catalog # BP11811a

Specification

CNGA4 Antibody (N-term) Blocking peptide - Product Information

Primary Accession

Q8IV77

CNGA4 Antibody (N-term) Blocking peptide - Additional Information

Gene ID 1262

Other Names

Cyclic nucleotide-gated cation channel alpha-4, Cyclic nucleotide-gated channel alpha-4, CNG channel alpha-4, CNG-4, CNG-4, CNG-4

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.

CNGA4 Antibody (N-term) Blocking peptide - Protein Information

Name CNGA4

Function

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 (By similarity).

Cellular Location

Membrane; Multi-pass membrane protein

CNGA4 Antibody (N-term) Blocking peptide - Protocols

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

• Blocking Peptides



CNGA4 Antibody (N-term) Blocking peptide - Images CNGA4 Antibody (N-term) Blocking peptide - Background

TRIM56 belongs to the TRIM/RBCC family. It contains 2 B box-type zinc fingers and a RING-type zinc finger. There are 3 named isoforms produced by alternative splicing.

CNGA4 Antibody (N-term) Blocking peptide - References

Olsen, J.V., et al. Cell 127(3):635-648(2006)Olsen, J.V., et al. Cell 127(3):635-648(2006)