

OR4K5 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP11998b

Specification

OR4K5 Antibody (C-term) Blocking peptide - Product Information

Primary Accession [Q8NGD3](#)

OR4K5 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 79317

Other Names

Olfactory receptor 4K5, Olfactory receptor OR14-16, OR4K5

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.

OR4K5 Antibody (C-term) Blocking peptide - Protein Information

Name OR4K5

Function

Odorant receptor.

Cellular Location

Cell membrane; Multi-pass membrane protein.

OR4K5 Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

OR4K5 Antibody (C-term) Blocking peptide - Images

OR4K5 Antibody (C-term) Blocking peptide - Background

Olfactory receptors interact with odorant molecules in the nose, to initiate a neuronal response that triggers the perception of a smell. The olfactory receptor proteins are members of a large family of

G-protein-coupled receptors (GPCR) arising from singlecoding-exon genes. Olfactory receptors share a 7-transmembranedomain structure with many neurotransmitter and hormone receptorsand are responsible for the recognition and G protein-mediatedtransduction of odorant signals. The olfactory receptor gene familyis the largest in the genome. The nomenclature assigned to theolfactory receptor genes and proteins for this organism isindependent of other organisms.

OR4K5 Antibody (C-term) Blocking peptide - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :Malnic, B., et al. Proc. Natl. Acad. Sci. U.S.A. 101(8):2584-2589(2004)