

OR4F16 Antibody (N-term) Blocking Peptide

Synthetic peptide Catalog # BP14481a

Specification

OR4F16 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession

Q6IEY1

OR4F16 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 26683;729759;81399

Other Names

Olfactory receptor 4F3/4F16/4F29, Olfactory receptor OR1-1, OR4F3

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.

OR4F16 Antibody (N-term) Blocking Peptide - Protein Information

Name OR4F3

Function

Odorant receptor.

Cellular Location

Cell membrane; Multi-pass membrane protein.

OR4F16 Antibody (N-term) Blocking Peptide - Protocols

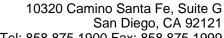
Provided below are standard protocols that you may find useful for product applications.

• Blocking Peptides

OR4F16 Antibody (N-term) Blocking Peptide - Images

OR4F16 Antibody (N-term) Blocking Peptide - Background

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





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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-mediated transduction of odorant signals. The olfactory receptor gene family is the largest in the genome. The nomenclature assigned to theolfactory receptor genes and proteins for this organism isindependent of other organisms.

OR4F16 Antibody (N-term) Blocking Peptide - References

Nusbaum, C., et al. Nature 439(7074):331-335(2006)Malnic, B., et al. Proc. Natl. Acad. Sci. U.S.A. 101(8):2584-2589(2004)