10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

OR10A4 Antibody (C-term) Blocking peptide

Synthetic peptide
Catalog # BP10863b

Specification

OR10A4 Antibody (C-term) Blocking peptide - Product Information

Primary Accession Q9H209

OR10A4 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 283297

Other Names
Olfactory receptor 10A4, HP2, Olfactory receptor-like protein JCG5, OR10A4, OR10A4P

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.

OR10A4 Antibody (C-term) Blocking peptide - Protein Information

Name OR10A4

Synonyms OR10A4P

Function
Odorant receptor (Potential). May be involved in taste perception.

Cellular Location
Cell membrane; Multi-pass membrane protein.

Tissue Location
Expressed in the tongue.

OR10A4 Antibody (C-term) Blocking peptide - Protocols

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

- Blocking Peptides

OR10A4 Antibody (C-term) Blocking peptide - Images

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

OR10A4 Antibody (C-term) Blocking peptide - Background

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

OR10A4 Antibody (C-term) Blocking peptide - References

Malnic, B., et al. Proc. Natl. Acad. Sci. U.S.A. 101(8):2584-2589(2004)Fuchs, T., et al. Genomics 80(3):295-302(2002)Gaudin, J.C., et al. Chem. Senses 26(9):1157-1166(2001)Lane, R.P., et al. Proc. Natl. Acad. Sci. U.S.A. 98(13):7390-7395(2001)