

# OR8B4 Antibody (C-term) Blocking peptide

Synthetic peptide Catalog # BP11531b

#### **Specification**

OR8B4 Antibody (C-term) Blocking peptide - Product Information

Primary Accession

**096RC9** 

OR8B4 Antibody (C-term) Blocking peptide - Additional Information

**Gene ID** 283162

**Other Names** 

Olfactory receptor 8B4, Olfactory receptor OR11-315, OR8B4, OR8B4P

**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.

## **OR8B4 Antibody (C-term) Blocking peptide - Protein Information**

Name OR8B4

Synonyms OR8B4P

**Function** 

Odorant receptor.

**Cellular Location** 

Cell membrane; Multi-pass membrane protein.

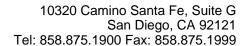
## OR8B4 Antibody (C-term) Blocking peptide - Protocols

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

Blocking Peptides

OR8B4 Antibody (C-term) Blocking peptide - Images

OR8B4 Antibody (C-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 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.

#### OR8B4 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)