

# OR8B8 Antibody (C-term) Blocking peptide

Synthetic peptide Catalog # BP10862b

### **Specification**

OR8B8 Antibody (C-term) Blocking peptide - Product Information

Primary Accession <u>Q15620</u>

OR8B8 Antibody (C-term) Blocking peptide - Additional Information

**Gene ID** 26493

#### **Other Names**

Olfactory receptor 8B8, Olfactory receptor TPCR85, Olfactory-like receptor JCG8, OR8B8

#### **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.

OR8B8 Antibody (C-term) Blocking peptide - Protein Information

Name OR8B8

#### **Function**

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

## **Cellular Location**

Cell membrane; Multi-pass membrane protein.

#### **Tissue Location**

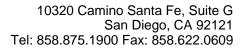
Expressed in the tongue and testis.

# OR8B8 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.

# OR8B8 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)Vanderhaeghen, P., et al. Genomics 39(3):239-246(1997)





OR8B8 Antibody (C-term) Blocking peptide - Protocols

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

• Blocking Peptides