

OR52|3 Antibody(C-term) Blocking peptide

Synthetic peptide Catalog # BP19605b

### **Specification**

OR52J3 Antibody(C-term) Blocking peptide -**Product Information** 

**Primary Accession Q8NH60** 

OR52J3 Antibody(C-term) Blocking peptide -**Additional Information** 

**Gene ID** 119679

#### **Other Names**

Olfactory receptor 52J3, Olfactory receptor OR11-32, OR52J3

#### **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.

OR52J3 Antibody(C-term) Blocking peptide -**Protein Information** 

Name OR52J3

**Function** 

Odorant receptor.

**Cellular Location** 

Cell membrane; Multi-pass membrane protein.

# OR52J3 Antibody(C-term) Blocking peptide

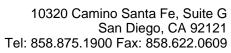
- Protocols

## OR52J3 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.

## OR52J3 Antibody(C-term) Blocking peptide - References

Malnic, B., et al. Proc. Natl. Acad. Sci. U.S.A. 101(8):2584-2589(2004)





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

• Blocking Peptides