

# OR10A3 Antibody (C-term) Blocking peptide

Synthetic peptide Catalog # BP10368b

### **Specification**

### OR10A3 Antibody (C-term) Blocking peptide - Product Information

Primary Accession P58181

Other Accession NP\_001003745.1

## OR10A3 Antibody (C-term) Blocking peptide - Additional Information

**Gene ID 26496** 

### **Other Names**

Olfactory receptor 10A3, HTPCRX12, Olfactory receptor OR11-97, OR10A3

#### **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.

### OR10A3 Antibody (C-term) Blocking peptide - Protein Information

Name OR10A3

**Function** 

Odorant receptor.

**Cellular Location** 

Cell membrane; Multi-pass membrane protein.

### OR10A3 Antibody (C-term) Blocking peptide - Protocols

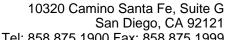
Provided below are standard protocols that you may find useful for product applications.

#### • Blocking Peptides

OR10A3 Antibody (C-term) Blocking peptide - Images

# OR10A3 Antibody (C-term) Blocking peptide - Background

Olfactory receptors interact with odorant molecules in thenose, to initiate a neuronal response that





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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-mediated transduction 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.

# OR10A3 Antibody (C-term) Blocking peptide - References

Taylor, T.D., et al. Nature 440(7083):497-500(2006)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)Parmentier, M., et al. Nature 355(6359):453-455(1992)