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# OR2T8 Antibody (C-term) Blocking peptide

**Synthetic peptide**
**Catalog # BP12137b**

## Specification

### OR2T8 Antibody (C-term) Blocking peptide - Product Information

Primary Accession A6NH00

### OR2T8 Antibody (C-term) Blocking peptide - Additional Information

**Gene ID** 343172

**Other Names**
Olfactory receptor 2T8, OR2T8, OR2T8P

**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.

### OR2T8 Antibody (C-term) Blocking peptide - Protein Information

**Name** OR2T8

**Synonyms** OR2T8P

**Function**
Odorant receptor.

**Cellular Location**
Cell membrane; Multi-pass membrane protein.

### OR2T8 Antibody (C-term) Blocking peptide - Protocols

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

- Blocking Peptides

### OR2T8 Antibody (C-term) Blocking peptide - Images

### OR2T8 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.

**OR2T8 Antibody (C-term) Blocking peptide - References**

Fuchs, T., et al. Genomics 80(3):295-302(2002)