10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

OR3A1 Antibody (C-term) Blocking peptide

Synthetic peptide
Catalog # BP5585b

Specification

OR3A1 Antibody (C-term) Blocking peptide - Product Information

Primary Accession	P47881
Other Accession	NP_002541.1

OR3A1 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 4994

Other Names
Olfactory receptor 3A1, Olfactory receptor 17-40, OR17-40, Olfactory receptor OR17-15, OR3A1, OLFRA03

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.

OR3A1 Antibody (C-term) Blocking peptide - Protein Information

Name OR3A1

Synonyms OLFRA03

Function
Odorant receptor.

Cellular Location
Cell membrane; Multi-pass membrane protein.

OR3A1 Antibody (C-term) Blocking peptide - Protocols

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

- Blocking Peptides

OR3A1 Antibody (C-term) Blocking peptide - Images

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OR3A1 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.

OR3A1 Antibody (C-term) Blocking peptide - References

Marrakchi, M., et al. Eur. Biophys. J. 36(8):1015-1018(2007)Jacquier, V., et al. Proc. Natl. Acad. Sci. U.S.A. 103(39):14325-14330(2006)Malnic, B., et al. Proc. Natl. Acad. Sci. U.S.A. 101(8):2584-2589(2004)