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OR12D3 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP18380b

Specification

OR12D3 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession Q9UGF7

OR12D3 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 81797

Other Names
Olfactory receptor 12D3, Hs6M1-27, Olfactory receptor OR6-27, OR12D3

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.

OR12D3 Antibody (C-term) Blocking Peptide - Protein Information

Name OR12D3

Function
Odorant receptor.

Cellular Location
Cell membrane; Multi-pass membrane protein.

OR12D3 Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

OR12D3 Antibody (C-term) Blocking Peptide - Images

OR12D3 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.

OR12D3 Antibody (C-term) Blocking Peptide - References

McElroy, J.P., et al. Hum. Mol. Genet. 19(15):3080-3088(2010)Pelak, K., et al. J. Infect. Dis. 201(8):1141-1149(2010)Barcellos, L.F., et al. PLoS Genet. 5 (10), E1000696 (2009) :Malnic, B., et al. Proc. Natl. Acad. Sci. U.S.A. 101(8):2584-2589(2004)Mungall, A.J., et al. Nature 425(6960):805-811(2003)