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OR6C3 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP13280b

Specification

OR6C3 Antibody (C-term) Blocking peptide - Product Information

Primary Accession Q9NZP0

OR6C3 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 254786

Other Names
Olfactory receptor 6C3, HSA8, OR6C3

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP13280b was selected from the C-term region of OR6C3. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

OR6C3 Antibody (C-term) Blocking peptide - Protein Information

Name OR6C3

Function
Odorant receptor.

Cellular Location
Cell membrane; Multi-pass membrane protein.

OR6C3 Antibody (C-term) Blocking peptide - Protocols

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

- Blocking Peptides

OR6C3 Antibody (C-term) Blocking peptide - Images

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OR6C3 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.

OR6C3 Antibody (C-term) Blocking peptide - References

Scherer, S.E., et al. Nature 440(7082):346-351(2006)Rouquier, S., et al. Proc. Natl. Acad. Sci. U.S.A. 97(6):2870-2874(2000)