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OR1E2 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP4888b

Specification

OR1E2 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession P47887

OR1E2 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 8388

Other Names
Olfactory receptor 1E2, Olfactory receptor 17-93/17-135/17-136, OR17-135, OR17-136, OR17-93, Olfactory receptor 1E4, OR1E2, OR1E4

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.

OR1E2 Antibody (C-term) Blocking Peptide - Protein Information

Name OR1E2

Synonyms OR1E4

Function
Odorant receptor.

Cellular Location
Cell membrane; Multi-pass membrane protein.

OR1E2 Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

OR1E2 Antibody (C-term) Blocking Peptide - Images

OR1E2 Antibody (C-term) Blocking Peptide - Background

OR1E2 interact with odorant molecules in the nose, to initiate a neuronal response that triggers the perception of a smell. The olfactory receptor proteins are members of a large family of G-protein-coupled receptors (GPCR) arising from single coding-exon genes. Olfactory receptors share a 7-transmembrane domain structure with many neurotransmitter and hormone receptors and are responsible for the recognition and G protein-mediated transduction of odorant signals. The olfactory receptor gene family is the largest in the genome. The nomenclature assigned to the olfactory receptor genes and proteins for this organism is independent of other organisms.

OR1E2 Antibody (C-term) Blocking Peptide - References

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)Glusman, G., et al. Genomics 63(2):227-245(2000)