

OR4M1 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP12214b**Specification**

OR4M1 Antibody (C-term) Blocking peptide - Product InformationPrimary Accession [Q8NGD0](#)**OR4M1 Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 441670**Other Names**

Olfactory receptor 4M1, Olfactory receptor OR14-7, OR4M1

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.

OR4M1 Antibody (C-term) Blocking peptide - Protein Information**Name** OR4M1 {ECO:0000303|PubMed:31230984, ECO:0000312|HGNC:HGNC:14735}**Function**

Olfactory receptor that acts as a receptor of Asprosin hormone, potentially at the surface of hepatocytes and may help to promote hepatocyte glucose release.

Cellular Location

Cell membrane; Multi-pass membrane protein {ECO:0000255|RuleBase:RU363047}

Tissue Location

Highly expressed in the testis and olfactory bulb.

OR4M1 Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

OR4M1 Antibody (C-term) Blocking peptide - Images

OR4M1 Antibody (C-term) Blocking peptide - Background

Olfactory receptors 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.

OR4M1 Antibody (C-term) Blocking peptide - References

Malnic, B., et al. Proc. Natl. Acad. Sci. U.S.A. 101(8):2584-2589(2004)