

VN1R1 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP13869a**Specification**

VN1R1 Antibody (N-term) Blocking peptide - Product Information

Primary Accession [Q9GZP7](#)

VN1R1 Antibody (N-term) Blocking peptide - Additional Information

Gene ID 57191

Other Names

Vomer nasal type-1 receptor 1, G-protein coupled receptor GPCR24, hGPCR24, V1r-like receptor 1, V3r-related gene protein, Vomer nasal olfactory receptor chromosome 19 subtype I member 1, VN1R1, V1RL1, VNR19I1

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP13869a was selected from the N-term region of VN1R1. 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.

VN1R1 Antibody (N-term) Blocking peptide - Protein Information

Name VN1R1

Synonyms V1RL1, VNR19I1

Function

Putative pheromone receptor.

Cellular Location

Cell membrane; Multi-pass membrane protein.

Tissue Location

Expressed in the olfactory mucosa, very low expression in brain, lung and kidney.

VN1R1 Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

VN1R1 Antibody (N-term) Blocking peptide - Images**VN1R1 Antibody (N-term) Blocking peptide - Background**

Pheromones are chemical signals that elicit specific behavioral responses and physiologic alterations in recipients of the same species. The protein encoded by this gene is similar to pheromone receptors and is primarily localized to the olfactory mucosa. An alternate splice variant of this gene is thought to exist, but its full length nature has not been determined.

VN1R1 Antibody (N-term) Blocking peptide - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) ; Young, J.M., et al. Genome Res. 20(1):10-18(2010) Mitropoulos, C., et al. Genet. Test. 11(2):128-132(2007) Zhang, J., et al. Proc. Natl. Acad. Sci. U.S.A. 100(14):8337-8341(2003) Takeda, S., et al. FEBS Lett. 520 (1-3), 97-101 (2002) :