10320 Camino Santa Fe, Suite G
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TAS2R9 Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP17341c

Specification

TAS2R9 Antibody (Center) Blocking Peptide - Product Information

Primary Accession Q9NYW1

TAS2R9 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 50835

Other Names
Taste receptor type 2 member 9, T2R9, Taste receptor family B member 6, TRB6, TAS2R9

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.

TAS2R9 Antibody (Center) Blocking Peptide - Protein Information

Name TAS2R9

Function
Gustducin-coupled receptor implicated in the perception of bitter compounds in the oral cavity and the gastrointestinal tract. Signals through PLCB2 and the calcium-regulated cation channel TRPM5 (By similarity).

Cellular Location
Membrane; Multi-pass membrane protein.

Tissue Location
Expressed in subsets of taste receptor cells of the tongue and palate epithelium and exclusively in gustducin-positive cells

TAS2R9 Antibody (Center) Blocking Peptide - Protocols

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

- Blocking Peptides

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TAS2R9 Antibody (Center) Blocking Peptide - Images

TAS2R9 Antibody (Center) Blocking Peptide - Background

This gene product belongs to the family of candidate tastereceptors that are members of the G-protein-coupled receptorsuperfamily. These proteins are specifically expressed in the tastereceptor cells of the tongue and palate epithelia. They areorganized in the genome in clusters and are genetically linked toloci that influence bitter perception in mice and humans. Infunctional expression studies, they respond to bitter tastants.This gene maps to the taste receptor gene cluster on chromosome12p13.

TAS2R9 Antibody (Center) Blocking Peptide - References

Dotson, C.D., et al. PLoS ONE 3 (12), E3974 (2008) :Go, Y., et al. Genetics 170(1):313-326(2005)Fischer, A., et al. Mol. Biol. Evol. 22(3):432-436(2005)Zhang, Y., et al. Cell 112(3):293-301(2003)Montmayeur, J.P., et al. Curr. Opin. Neurobiol. 12(4):366-371(2002)