

TAS2R3 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP19081b**Specification**

TAS2R3 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession [Q9NYW6](#)

TAS2R3 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 50831

Other Names

Taste receptor type 2 member 3, T2R3, TAS2R3

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.

TAS2R3 Antibody (C-term) Blocking Peptide - Protein Information

Name TAS2R3

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.

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. Expressed in the antrum and fundus (part of the stomach), duodenum and in gastric endocrine cells.

TAS2R3 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

TAS2R3 Antibody (C-term) Blocking Peptide - Images**TAS2R3 Antibody (C-term) Blocking Peptide - Background**

This gene encodes a member of a family of candidate tastereceptors that are members of the G protein-coupled receptorsuperfamily and that are specifically expressed by taste receptorcells of the tongue and palate epithelia. These apparentlyintronless taste receptor genes encode a 7-transmembrane receptorprotein, functioning as a bitter taste receptor. This gene isclustered with another 3 candidate taste receptor genes inchromosome 7 and is genetically linked to loci that influencebitter perception.

TAS2R3 Antibody (C-term) Blocking Peptide - References

Calvo, S.E., et al. Proc. Natl. Acad. Sci. U.S.A. 106(18):7507-7512(2009)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)