

TAS1R3 / T1R3 Antibody (C-Term)
Peptide-affinity purified goat antibody
Catalog # AF2669a**Specification**

TAS1R3 / T1R3 Antibody (C-Term) - Product Information

Application	E
Primary Accession	Q7RTX0
Other Accession	NP_689414.1 , 83756
Predicted	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	93386

TAS1R3 / T1R3 Antibody (C-Term) - Additional Information**Gene ID** 83756**Other Names**

Taste receptor type 1 member 3, Sweet taste receptor T1R3, TAS1R3, T1R3, TR3

Dilution

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

TAS1R3 / T1R3 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

TAS1R3 / T1R3 Antibody (C-Term) - Protein Information**Name** TAS1R3**Synonyms** T1R3, TR3**Function**

Putative taste receptor. TAS1R1/TAS1R3 responds to the umami taste stimulus (the taste of monosodium glutamate). TAS1R2/TAS1R3 recognizes diverse natural and synthetic sweeteners. TAS1R3 is essential for the recognition and response to the disaccharide trehalose (By similarity).

Sequence differences within and between species can significantly influence the selectivity and specificity of taste responses.

Cellular Location

Cell membrane; Multi-pass membrane protein.

TAS1R3 / T1R3 Antibody (C-Term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TAS1R3 / T1R3 Antibody (C-Term) - Images**TAS1R3 / T1R3 Antibody (C-Term) - References**

Gut-expressed gustducin and taste receptors regulate secretion of glucagon-like peptide-1. Jang HJ, Kokrashvili Z, Theodorakis MJ, Carlson OD, Kim BJ, Zhou J, Kim HH, Xu X, Chan SL, Juhaszova M, Bernier M, Mosinger B, Margolskee RF, Egan JM. Proc Natl Acad Sci U S A. 2007 Sep 18;104(38):15069-74. Epub 2007 Aug 27. PMID: 17724330