

**TAS2R13 Antibody (C-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP17339b**

**Specification**

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**TAS2R13 Antibody (C-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">O9NYV9</a>
Other Accession	<a href="#">NP_076409.1</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	35118
Antigen Region	199-228

**TAS2R13 Antibody (C-term) - Additional Information**

**Gene ID** 50838

**Other Names**

Taste receptor type 2 member 13, T2R13, Taste receptor family B member 3, TRB3, TAS2R13

**Target/Specificity**

This TAS2R13 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 199-228 amino acids from the C-terminal region of human TAS2R13.

**Dilution**

WB~~1:1000

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

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

**Precautions**

TAS2R13 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**TAS2R13 Antibody (C-term) - Protein Information**

**Name** TAS2R13

**Function** Receptor that may play a role in the perception of bitterness and is gustducin-linked. May play a role in sensing the chemical composition of the gastrointestinal content. The activity of

this receptor may stimulate alpha gustducin, mediate PLC-beta-2 activation and lead to the gating of TRPM5.

**Cellular Location**

Membrane; Multi-pass membrane protein.

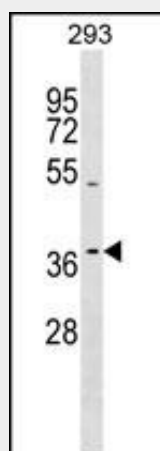
**Tissue Location**

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

**TAS2R13 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](#)

**TAS2R13 Antibody (C-term) - Images**

TAS2R13 Antibody (C-term) (Cat. #AP17339b) western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the TAS2R13 antibody detected the TAS2R13 protein (arrow).

**TAS2R13 Antibody (C-term) - Background**

This gene product belongs to the family of candidate taste receptors that are members of the G-protein-coupled receptor superfamily. These proteins are specifically expressed in the taste receptor cells of the tongue and palate epithelia. They are organized in the genome in clusters and are genetically linked to loci that influence bitter perception in mice and humans. In functional expression studies, they respond to bitter tastants. This gene maps to the taste receptor gene cluster on chromosome 12p13.

**TAS2R13 Antibody (C-term) - References**

- Lamesch, P., et al. Genomics 89(3):307-315(2007)  
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)