

**TAS2R50 Antibody - C-terminal region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI15414****Specification**

---

**TAS2R50 Antibody - C-terminal region - Product Information**

|                   |                                                       |
|-------------------|-------------------------------------------------------|
| Application       | WB                                                    |
| Primary Accession | <a href="#">P59544</a>                                |
| Other Accession   | <a href="#">NM_176890</a> , <a href="#">NP_795371</a> |
| Reactivity        | Human                                                 |
| Predicted         | Human                                                 |
| Host              | Rabbit                                                |
| Clonality         | Polyclonal                                            |
| Calculated MW     | 33kDa KDa                                             |

**TAS2R50 Antibody - C-terminal region - Additional Information****Gene ID** 259296**Alias Symbol** MGC138305, T2R50, T2R51, TAS2R51**Other Names**

Taste receptor type 2 member 50, T2R50, Taste receptor type 2 member 51, T2R51, TAS2R50

**Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

**Reconstitution & Storage**

Add 50 ul of distilled water. Final anti-TAS2R50 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

**Precautions**

TAS2R50 Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

**TAS2R50 Antibody - C-terminal region - Protein Information****Name** TAS2R50**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 (By similarity).

**Cellular Location**

Membrane; Multi-pass membrane protein.

**Tissue Location**

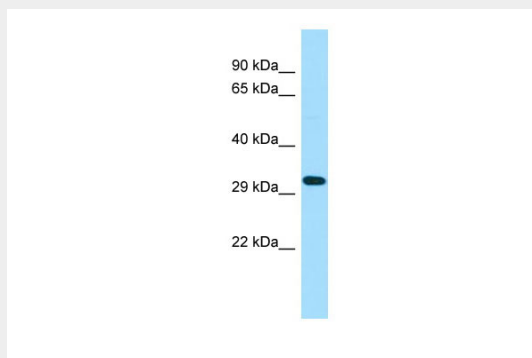
Expressed in subsets of taste receptor cells of the tongue and exclusively in gustducin-positive cells

### **TAS2R50 Antibody - C-terminal region - 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](#)

### **TAS2R50 Antibody - C-terminal region - Images**



WB Suggested Anti-TAS2R50 Antibody Titration: 1.0 µg/ml  
Positive Control: Fetal Lung

### **TAS2R50 Antibody - C-terminal region - References**

Bufe B., et al. Nat. Genet. 32:397-401(2002).  
Conte C., et al. Cytogenet. Genome Res. 98:45-53(2002).  
Fischer A., et al. Mol. Biol. Evol. 22:432-436(2005).  
Scherer S.E., et al. Nature 440:346-351(2006).  
Montmayeur J.-P., et al. Curr. Opin. Neurobiol. 12:366-371(2002).