

**T2R38 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP59054**

**Specification**

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**T2R38 Polyclonal Antibody - Product Information**

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	<a href="#">P59533</a>
Host	Rabbit
Clonality	Polyclonal
Calculated MW	37892

**T2R38 Polyclonal Antibody - Additional Information**

**Gene ID** 5726

**Other Names**

Taste receptor type 2 member 38, T2R38, PTC bitter taste receptor, Taste receptor type 2 member 61, T2R61, TAS2R38, PTC

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**T2R38 Polyclonal Antibody - Protein Information**

**Name** TAS2R38

**Synonyms** PTC

**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. Expressed in testis (PubMed:16720576).

## **T2R38 Polyclonal Antibody - 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](#)

## **T2R38 Polyclonal Antibody - Images**

### **T2R38 Polyclonal Antibody - Citations**

- [Loss of CFTR function is associated with reduced bitter taste receptor-stimulated nitric oxide innate immune responses in nasal epithelial cells and macrophages.](#)