

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

Specification

T2R38 Polyclonal Antibody - Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	P59533
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.](#)