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TAS2R50 Antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI15414

Product Information

Application	WB
Primary Accession	P59544
Other Accession	NM_176890, NP_795371
Reactivity	Human
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	34558

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.

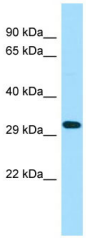
Protein Information

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

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).

Images



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.