10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

TAS2R50 Antibody (C-Term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP22161b

Product Information

Application	WB, E
Primary Accession	P59544
Other Accession	Q646A1, Q646E4, Q646C3, Q645V7
Reactivity	Human
Predicted	Rabbit
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB56339
Calculated MW	34558

Additional Information

Gene ID	259296
Other Names	Taste receptor type 2 member 50, T2R50, Taste receptor type 2 member 51, T2R51, TAS2R50
Target/Specificity	This TAS2R50 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 198-222 amino acids from human TAS2R50.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
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	TAS2R50 Antibody (C-Term) 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

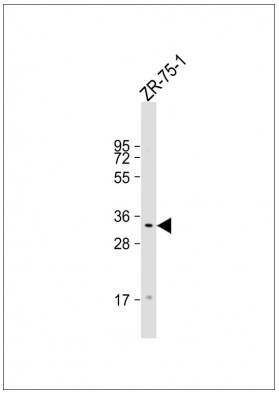
Background

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).

References

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Conte C.,et al.Cytogenet. Genome Res. 98:45-53(2002).
Fischer A.,et al.Mol. Biol. Evol. 22:432-436(2005).
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Images



Anti-TAS2R50 Antibody (C-Term) at 1:1000 dilution + ZR-75-1 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 35 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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