

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

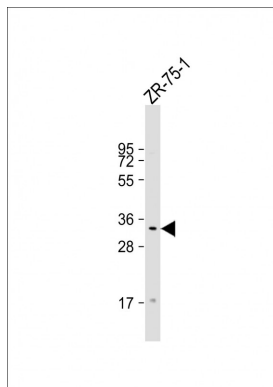
Background

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).
Scherer S.E.,et al.Nature 440:346-351(2006).
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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'.