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TAS2R41 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18880a

Product Information

Application	WB, E
Primary Accession	P59536
Other Accession	NP_795364.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB39847
Calculated MW	35896
Antigen Region	14-40

Additional Information

Gene ID	259287
Other Names	Taste receptor type 2 member 41, T2R41, Taste receptor type 2 member 59, T2R59, TAS2R41
Target/Specificity	This TAS2R41 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 14-40 amino acids from the N-terminal region of human TAS2R41.
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	TAS2R41 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	TAS2R41
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

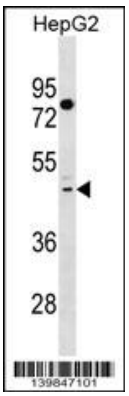
Background

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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Zhang, Y., et al. Cell 112(3):293-301(2003)
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Images



TAS2R41 Antibody (N-term)(Cat. #AP18880a) western blot analysis in HepG2 cell line lysates (35ug/lane).This demonstrates the TAS2R41 antibody detected the TAS2R41 protein (arrow).

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