

Rabbit anti-Human TAS2R13 Polyclonal Antibody | anti-TAS2R13 antibody

TAS2R13 Antibody (C-term)

CATALOG # AAA290149	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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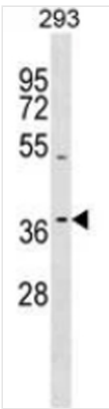
PRODUCT SYNONYMS

TAS2R13; Polyclonal Antibody; TAS2R13 Antibody (C-term); Taste receptor type 2 member 13; T2R13; Taste receptor family B member 3; TRB3; anti-TAS2R13 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	This TAS2R13 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 199-228 amino acids from the C-terminal region of human TAS2R13.
Purity/Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Sequence Positions	199-228
Sequence Length	303
Applicable Applications for anti-TAS2R13 antibody	ELISA, WB (Western Blot)
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.
Cellular Location	Membrane; Multi-pass membrane protein.
Tissue Location	Expressed in subsets of taste receptor cells of the tongue and palate epithelium and exclusively in gustducin-positive cells
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
TAS2R13 Antibody (C-term) western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the TAS2R13 antibody detected the TAS2R13 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-TAS2R13 antibody	This gene product belongs to the family of candidate taste receptors that are members of the G-protein-coupled receptor superfamily. These proteins are specifically expressed in the taste receptor cells of the tongue and palate epithelia. They are organized in the genome in clusters and are genetically linked to loci that influence bitter perception in mice and humans. In functional expression studies, they respond to bitter tastants. This gene maps to the taste receptor gene cluster on chromosome 12p13.
Product Categories/Family for anti-TAS2R13 antibody	Neuroscience; Signal Transduction; GPCR Antibodies
References	Lamesch, P., et al. Genomics 89(3):307-315(2007) Go, Y., et al. Genetics 170(1):313-326(2005) Fischer, A., et al. Mol. Biol. Evol. 22(3):432-436(2005) Zhang, Y., et al. Cell 112(3):293-301(2003) Montmayeur, J.P., et al. Curr. Opin. Neurobiol. 12(4):366-371(2002)

NCBI AND UNIPROT INFORMATION

NCBI GI #	12965178
NCBI GeneID	50838
NCBI Accession #	NP_076409.1
NCBI GenBank Nucleotide #	NM_023920.2
UniProt Accession #	Q9NYV9; Q4G0I5; Q502V8; Q645X2
Molecular Weight	35118
NCBI Official Full Name	taste receptor type 2 member 13
NCBI Official Synonym Full Names	taste receptor, type 2, member 13
NCBI Official Symbol	TAS2R13
NCBI Official Synonym Symbols	TRB3; T2R13
NCBI Protein Information	taste receptor type 2 member 13
UniProt Protein Name	Taste receptor type 2 member 13
UniProt Gene Name	TAS2R13
UniProt Synonym Gene Names	T2R13; TRB3

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tas2r13-antibody-western-blot-elisa/290149>