

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

TAS2R13 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325756	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

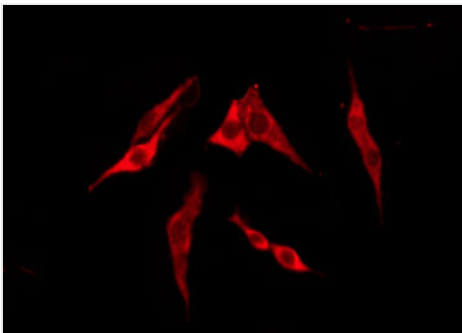
PRODUCT SYNONYMS

TAS2R13; Polyclonal Antibody; TAS2R13 Antibody; T2R13; T2R13_HUMAN; Tas2r13; Taste receptor family B member 3; Taste receptor type 2 member 13; Taste receptor; family B; member 3; type 2; member 13; TRB3; anti-TAS2R13 antibody

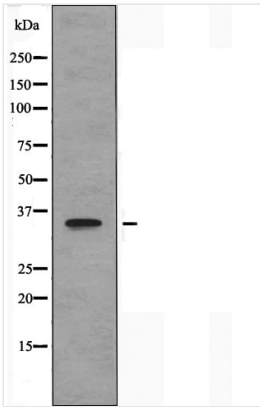
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	TAS2R13 antibody detects endogenous levels of total TAS2R13
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	303
Applicable Applications for anti-TAS2R13 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Membrane.
Tissue Specificity	Expressed in subsets of taste receptor cells of the tongue and palate epithelium and exclusively in gustducin-positive cells.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)
AAA325756 staining Hela by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)
Western blot analysis of extracts from Jurkat cells, using TAS2R13 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-TAS2R13 antibody	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. Similarity: Belongs to the G-protein coupled receptor T2R family.
---	--

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	Observed: 35 kD Predicted: 36 kDa
NCBI Official Full Name	taste receptor type 2 member 13
NCBI Official Synonym Full Names	taste 2 receptor 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.