

Rabbit anti-Human TAS2R1 Polyclonal Antibody | anti-TAS2R1 antibody

TAS2R1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325762	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

TAS2R1; Polyclonal Antibody; TAS2R1 Antibody; MGC126778; MGC126780; T2R1; TA2R1_HUMAN; Taste receptor family B member 7; Taste receptor type 2 member 1; TRB7; anti-TAS2R1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	TAS2R1 antibody detects endogenous levels of total TAS2R1
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	299
Applicable Applications for anti-TAS2R1 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



WB (Western Blot)

Western blot analysis of extracts from MCF-7 cells, using TAS2R1 antibody.



IF (Immunofluorescence)

AAA325762 staining MCF7 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.

ADDITIONAL INFORMATION

Related Product Information for anti-TAS2R1 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	9625043
NCBI GeneID	50834
NCBI Accession #	NP_062545.1
NCBI GenBank Nucleotide #	NM_019599.2
UniProt Accession #	Q9NYW7; Q646G8
Molecular Weight	Observed: 33 kD Predicted: 35 kDa
NCBI Official Full Name	taste receptor type 2 member 1
NCBI Official Synonym Full Names	taste 2 receptor member 1
NCBI Official Symbol	TAS2R1
NCBI Official Synonym Symbols	T2R1; TRB7
NCBI Protein Information	taste receptor type 2 member 1
UniProt Protein Name	Taste receptor type 2 member 1
UniProt Gene Name	TAS2R1
UniProt Synonym Gene Names	T2R1; TRB7

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/tas2r1-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/325762>