

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

TAS2R1 Antibody (C-term)

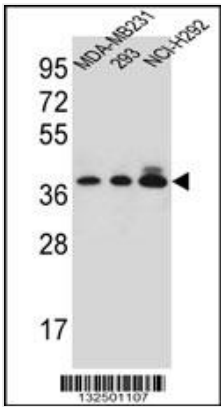
CATALOG # AAA288395	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

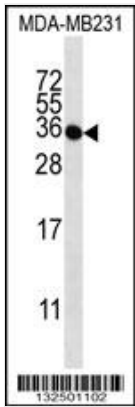
TAS2R1; Polyclonal Antibody; TAS2R1 Antibody (C-term); Taste receptor type 2 member 1; T2R1; Taste receptor family B member 7; TRB7; anti-TAS2R1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This TAS2R1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 267-296 amino acids from the C-terminal region of human TAS2R1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	267-296
Sequence Length	299
Applicable Applications for anti-TAS2R1 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)
TAS2R1 Antibody (C-term) western blot analysis in MDA-MB231,293,NCI-H292 cell line lysates (35ug/lane).This demonstrates the TAS2R1 antibody detected the TAS2R1 protein (arrow).



WB (Western Blot)
TAS2R1 Antibody (C-term) western blot analysis in MDA-MB231 cell line lysates (35ug/lane).This demonstrates the TAS2R1 antibody detected the TAS2R1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-TAS2R1 antibody	This gene encodes a member of a family of candidate taste receptors that are members of the G protein-coupled receptor superfamily and that are specifically expressed by taste receptor cells of the tongue and palate epithelia. This intronless taste receptor gene encodes a 7-transmembrane receptor protein, functioning as a bitter taste receptor. This gene is mapped to chromosome 5p15, the location of a genetic locus (PROP) that controls the detection of the bitter compound 6-n-propyl-2-thiouracil.
Product Categories/Family for anti-TAS2R1 antibody	Neuroscience; GPCR Antibodies
References	Upadhyaya, J., et al. Biochem. Biophys. Res. Commun. 398(2):331-335(2010) Weiss, L.A., et al. Nature 461(7265):802-808(2009) 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)

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	34333
NCBI Official Full Name	taste receptor type 2 member 1
NCBI Official Synonym Full Names	taste receptor, type 2, 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
UniProt Entry Name	TA2R1_HUMAN

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-western-blot-elisa/288395>