



Rabbit Anti-TAS2R5 antibody

SL11614R

Product Name:	TAS2R5
Chinese Name:	味觉受体蛋白家族2亚基5抗体
Alias:	T2R5; TA2R5_HUMAN; TAS2R5; Taste receptor T2R5; Taste receptor type 2 member 5; Taste receptor, type 2, member 5.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	34kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human TAS2R5:51-150/299<Extracellular>
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	This gene encodes a bitter taste receptor; bitter taste receptors are members of the G protein-coupled receptor superfamily and are specifically expressed by taste receptor cells of the tongue and palate epithelia. Each of these apparently intronless taste receptor genes encodes a 7-transmembrane receptor protein, functioning as a bitter taste receptor. This gene is clustered with another 3 candidate taste receptor genes on

chromosome 7 and is genetically linked to loci that influence bitter perception. [provided by RefSeq, Jul 2008].

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.

Subcellular Location:

Membrane; Multi-pass membrane protein.

Tissue Specificity:

Expressed in subsets of taste receptor cells of the tongue and palate epithelium and exclusively in gustducin-positive cells.

Similarity:

Belongs to the G-protein coupled receptor T2R family.

SWISS:

Q9NYW4

Gene ID:

54429

Database links:

[Entrez Gene: 54429](#)Human

[Omid: 605062](#)Human

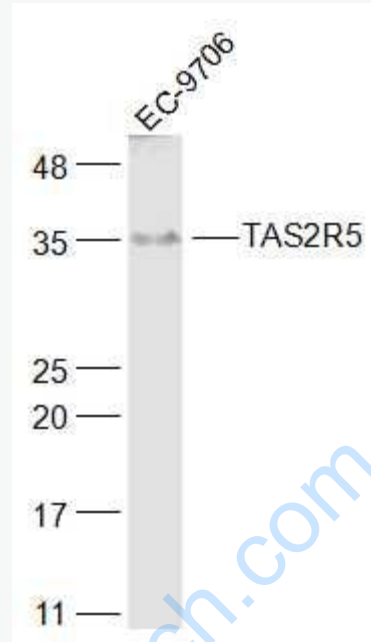
[SwissProt: Q9NYW4](#)Human

[Unigene: 675370](#)Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:



Sample:

EC-9706(Human) Cell Lysate at 30 ug

Primary: Anti-TAS2R5? (SL11614R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 34 kD

Observed band size: 35 kD