Product Name: T2R39 Rabbit Polyclonal Antibody
Catalog #: APRab18566
For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,ICC/IF,ELISA
Reactivity	Human,Rat,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,ICC/IF 1:200-1:1000,ELISA 1:10000-1:20000
Molecular Weight	36kDa

Antigen Information

Gene Name	TAS2R39
Alternative Names	TAS2R39; Taste receptor type 2 member 39; T2R39; Taste receptor type 2 member 57; T2R57
Gene ID	259285.0
SwissProt ID	P59534
Immunogen	The antiserum was produced against synthesized peptide derived from human TAS2R39. AA range:218-267

Background

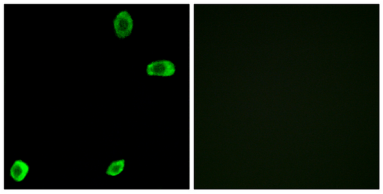
The protein encoded by this gene is a bitter taste receptor that detects green tea catechins, soy isoflavones, and theaflavins.

The encoded protein is gustducin-linked and may activate alpha gustducin. This gene is intronless. [provided by RefSeq, Dec 2015],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.,miscellaneous:Most taste cells may be activated by a limited number of bitter compounds; individual taste cells can discriminate among bitter stimuli.,similarity:Belongs to the G-protein coupled receptor T2R family.,tissue specificity:Expressed in subsets of taste receptor cells of the tongue and exclusively in gustducin-positive cells.,

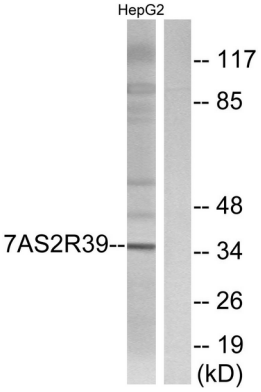
Research Area

Taste transduction;

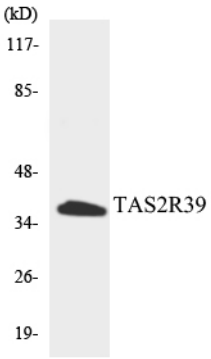
Image Data



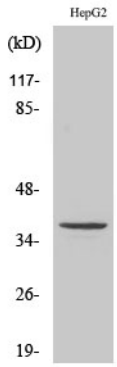
Immunofluorescence analysis of A549 cells, using TAS2R39 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HepG2 cells, using TAS2R39 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HepG2 cells using TAS2R39 antibody.



Western Blot analysis of various cells using T2R39 Polyclonal Antibody