

**Product Name: TA2R9 Rabbit Polyclonal Antibody**  
**Catalog #: APRab18586**



## Summary

<b>Production Name</b>	TA2R9 Rabbit Polyclonal Antibody
<b>Description</b>	Rabbit Polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB
<b>Reactivity</b>	Human,Rat,Mouse

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

## Immunogen

<b>Gene Name</b>	TAS2R9
<b>Alternative Names</b>	
<b>Gene ID</b>	50835.0
<b>SwissProt ID</b>	Q9NYW1.Synthesized peptide derived from human protein . at AA range: 90-170

## Application

<b>Dilution Ratio</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Molecular Weight</b>	34kD

## Background

This gene product belongs to the family of candidate taste receptors that are members of the G-protein-coupled receptor superfamily. These proteins are specifically expressed in the taste receptor cells of the tongue and palate epithelia. They are

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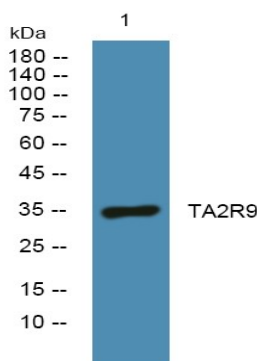


organized in the genome in clusters and are genetically linked to loci that influence bitter perception in mice and humans. In functional expression studies, they respond to bitter tastants. This gene maps to the taste receptor gene cluster on chromosome 12p13. [provided by RefSeq, Jul 2008],function:Gustducin-coupled receptor implicated in the perception of bitter compounds in the oral cavity and the gastrointestinal tract. Signals through PLCB2 and the calcium-regulated cation channel TRPM5.,miscellaneous:Several bitter taste receptors are expressed in a single taste receptor cell.,similarity:Belongs to the G-protein coupled receptor T2R family.,tissue specificity:Expressed in subsets of taste receptor cells of the tongue and palate epithelium and exclusively in gustducin-positive cells.,

## Research Area

Taste transduction;

## Image Data



Western blot analysis of lysates from PC12 cells, primary antibody was diluted at 1:1000, 4° over night

## Note

For research use only.