

T2R49 Rabbit pAb

CatalogNo: YT4513

Key Features

Host Species

- Rabbit

Reactivity

- Human

Applications

- WB,IF,ELISA

MW

- 38kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-1:2000

IF 1:200-1:1000

ELISA 1:20000

Not yet tested in other applications.

Storage

Storage*

-15°C to -25°C/1 year(Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality

Polyclonal

Immunogen Information

Immunogen

The antiserum was produced against synthesized peptide derived from human TAS2R49. AA range:94-143

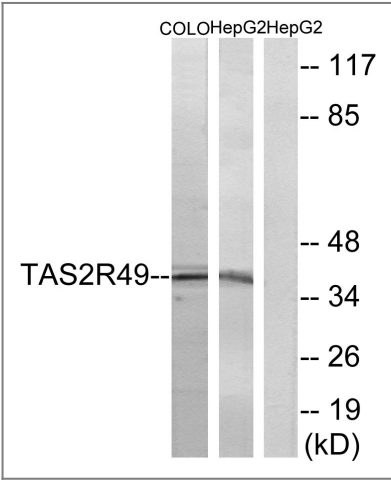
Specificity

T2R49 Polyclonal Antibody detects endogenous levels of T2R49 protein.

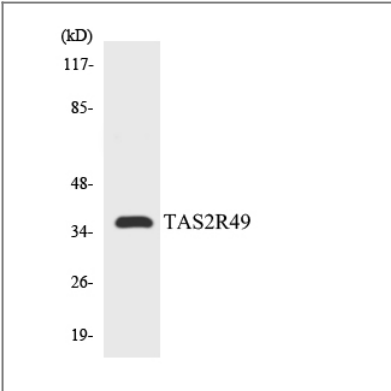
Target Information

Gene name	TAS2R20		
Protein Name	Taste receptor type 2 member 20		
	Organism	Gene ID	UniProt ID
	Human	259295 ;	P59543 ;
Cellular Localization	Membrane; Multi-pass membrane protein.		
Tissue specificity	Expressed in subsets of taste receptor cells of the tongue and exclusively in gustducin-positive cells.		
Function	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.,		

Validation Data



Western blot analysis of lysates from COLO and HepG2 cells, using TAS2R49 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from COLO205 cells using TAS2R49 antibody.

| Contact information

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T2R49 Rabbit pAb

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