

T2R43 Rabbit pAb

CatalogNo: YT4510

| Key Features

Host Species

- Rabbit

Reactivity

- Human

Applications

- WB,ELISA

MW

- 35kD (Observed)

Isotype

- IgG

| Recommended Dilution Ratios

WB 1:500-1:2000

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 TAS2R43. AA range:124-173

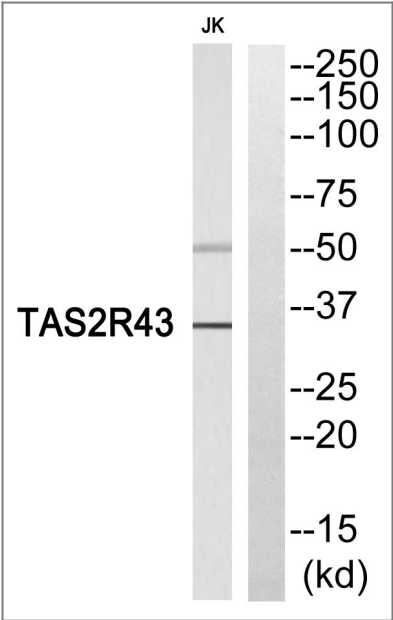
Specificity

T2R43 Polyclonal Antibody detects endogenous levels of T2R43 protein.

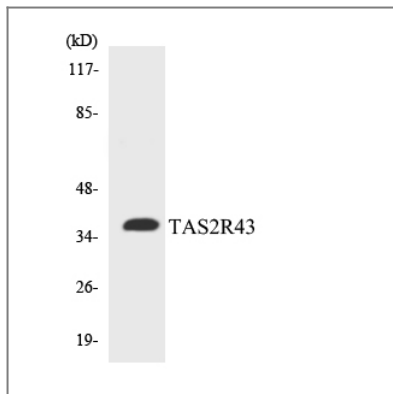
| Target Information

Gene name	TAS2R43		
Protein Name	Taste receptor type 2 member 43		
	Organism	Gene ID	UniProt ID
	Human	259289 ;	P59537 ;
Cellular Localization	Membrane ; Multi-pass membrane protein . Cell projection, cilium membrane . In airway epithelial cells, localizes to motile cilia.		
Tissue specificity	Expressed in subsets of taste receptor cells of the tongue and exclusively in gustducin-positive cells. Expressed in airway epithelia.		
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 (By similarity). Activated by the sulfonyl amide sweeteners saccharin and acesulfame K.,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 TAS2R43 Antibody. The lane on the right is blocked with the TAS2R43 peptide.



Western blot analysis of the lysates from COLO205 cells using TAS2R43 antibody.

Contact information

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T2R43 Rabbit pAb

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