

T2R45 Rabbit pAb

CatalogNo: YT4511

| Key Features

Host Species

- Rabbit

Reactivity

- Human

Applications

- WB,ELISA

MW

- 35kD (Observed)

Isotype

- IgG

| Recommended Dilution Ratios

WB 1:500-1:2000

ELISA 1:5000

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 TAS2R45. AA range:221-270

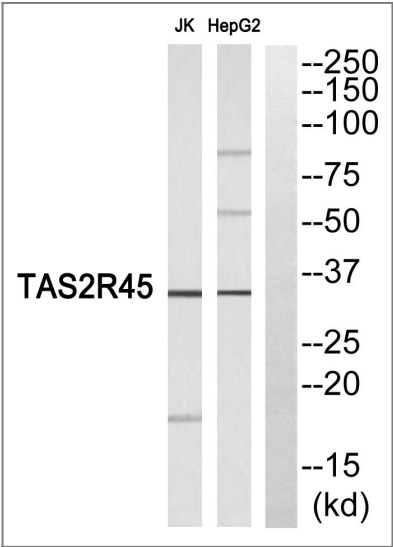
Specificity

T2R45 Polyclonal Antibody detects endogenous levels of T2R45 protein.

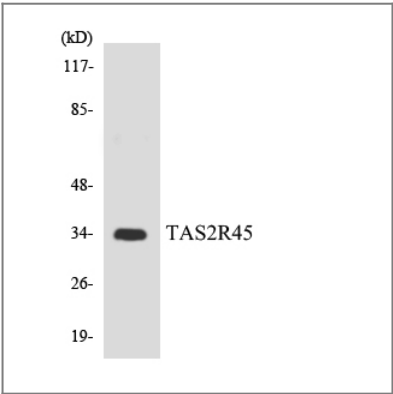
| Target Information

Gene name	TAS2R45		
Protein Name	Taste receptor type 2 member 45		
	Organism	Gene ID	UniProt ID
	Human	259291 ;	P59539 ;
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 TAS2R45 Antibody. The lane on the right is blocked with the TAS2R45 peptide.



Western blot analysis of the lysates from HepG2 cells using TAS2R45 antibody.

| Contact information

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T2R45 Rabbit pAb

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