

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

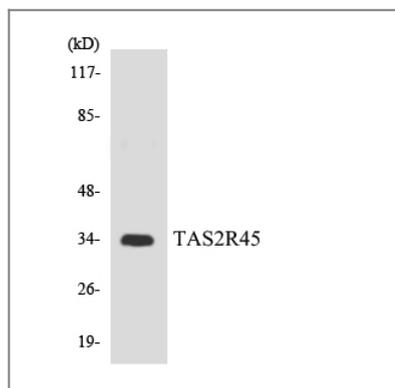
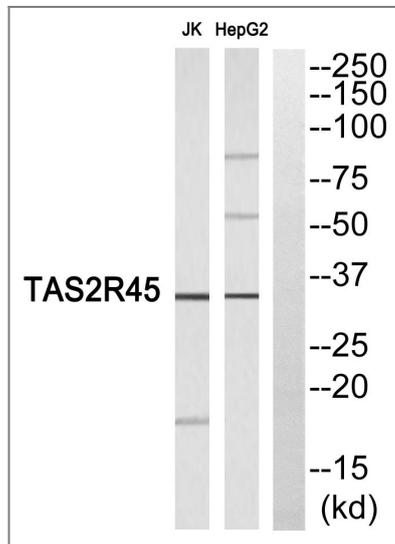
Organism	Gene ID	UniProt ID
Human	259291 ;	P59539 ;

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



| Contact information

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T2R45 Rabbit pAb

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