

T2R48 Polyclonal Antibody

Catalog No: YT4512

Reactivity: Human

Applications: WB;ELISA

Target: T2R48

Fields: >>Taste transduction

Gene Name: TAS2R19

Protein Name: Taste receptor type 2 member 19

P59542

Human Gene Id: 259294

Human Swiss Prot

No:

Immunogen: The antiserum was produced against synthesized peptide derived from human

TAS2R48. AA range:90-139

Specificity: T2R48 Polyclonal Antibody detects endogenous levels of T2R48 protein.

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

Source: Polyclonal, Rabbit, IgG

Dilution: WB 1:500 - 1:2000. ELISA: 1:20000. Not yet tested in other applications.

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

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

Molecularweight: 34kD

1/2

Cell Pathway: Taste transduction;

Background:

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.,

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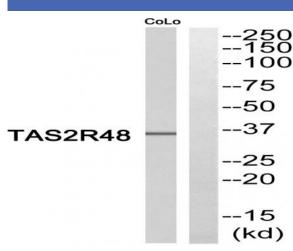
Subcellular Location :

Membrane; Multi-pass membrane protein.

Expression:

Expressed in subsets of taste receptor cells of the tongue and exclusively in qustducin-positive cells.

Products Images



Western blot analysis of TAS2R48 Antibody. The lane on the right is blocked with the TAS2R48 peptide.