

T2R48 Polyclonal Antibody

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| Catalog No : | YT4512 |
| Reactivity : | Human |
| Applications : | WB;ELISA |
| Target : | T2R48 |
| Fields : | >>Taste transduction |
| Gene Name : | TAS2R19 |
| Protein Name : | Taste receptor type 2 member 19 |
| Human Gene Id : | 259294 |
| Human Swiss Prot No : | P59542 |
| 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 |

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 gustducin-positive cells.

Products Images

