

Anti-Human TAS2R8 Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA05963

3th Edition

Description: This gene product belongs to the family of candidate taste receptors that are members of the G-protein-coupled receptor superfamily. These proteins are specifically expressed in the taste receptor cells of the tongue and palate epithelia. They are organized in the genome in clusters and are genetically linked to loci that influence bitter perception in mice and humans. In functional expression studies, they respond to bitter tastants. This gene maps to the taste receptor gene cluster on chromosome 12p13. TAS2R8 (Taste 2 Receptor Member 8) is a Protein Coding gene. Among its related pathways are Peptide ligand-binding receptors and Taste transduction. GO annotations related to this gene include G-protein coupled receptor activity and taste receptor activity. An important paralog of this gene is TAS2R9.

Antigen: Synthesized peptide derived from the Internal region of human T2R8

Form:

How to use: 1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution: PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: Expressed in subsets of taste receptor cells of the tongue and palate epithelium and exclusively in gustducin-positive cells.