

产品名称: TA2R4 Rabbit Polyclonal Antibody  
产品货号: APRab18585



## 产品概述 (Summary)

|                        |                                  |
|------------------------|----------------------------------|
| 产品名称 (Production Name) | TA2R4 Rabbit Polyclonal Antibody |
| 描述 (Description)       | Rabbit polyclonal Antibody       |
| 宿主 (Host)              | Rabbit                           |
| 应用 (Application)       | WB,ELISA                         |
| 种属反应性 (Reactivity)     | Human,Rat,Mouse                  |

## 产品性能 (Performance)

|                     |                                                                                          |
|---------------------|------------------------------------------------------------------------------------------|
| 偶联物 (Conjugation)   | Unconjugated                                                                             |
| 修饰 (Modification)   | Unmodified                                                                               |
| 同种型 (Isotype)       | IgG                                                                                      |
| 克隆 (Clonality)      | Polyclonal                                                                               |
| 形式 (Form)           | Liquid                                                                                   |
| 存放说明 (Storage)      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |
| 储存溶液 (Buffer)       | Liquid in PBS containing 50% glycerol, and 0.02% New type preservative N.                |
| 纯化方式 (Purification) | Affinity purification                                                                    |

## 免疫原信息 (Immunogen)

|                        |                                                                            |
|------------------------|----------------------------------------------------------------------------|
| 基因名 (Gene Name)        | TAS2R4                                                                     |
| 别名 (Alternative Names) |                                                                            |
| 基因 ID (Gene ID)        | 50832.0                                                                    |
| 蛋白 ID (SwissProt ID)   | Q9NYW5.Synthesized peptide derived from human protein . at AA range: 10-90 |

## 产品应用 (Application)

|                          |                                      |
|--------------------------|--------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:500-1:2000,ELISA 1:5000-1:20000 |
| 蛋白分子量 (Molecular Weight) | 32kDa                                |

## 研究背景 (Background)

This gene encodes a member of a family of candidate taste receptors that are members of the G protein-coupled receptor

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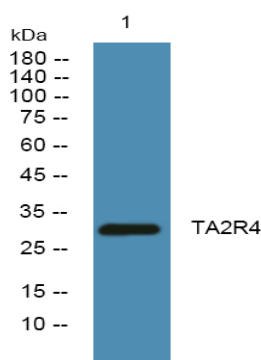


superfamily and that are specifically expressed by taste receptor cells of the tongue and palate epithelia. These apparently intronless genes encode a 7-transmembrane receptor protein, functioning as a bitter taste receptor. This gene is clustered with another 3 candidate taste receptor genes in chromosome 7 and is genetically linked to loci that influence bitter perception. [provided by RefSeq, Jul 2008],function:Gustducin-coupled receptor for denatonium and N(6)-propyl-2-thiouracil implicated in the perception of bitter compounds in the oral cavity and the gastrointestinal tract. Signals through PLCB2 and the calcium-regulated cation channel TRPM5.,miscellaneous:Several bitter taste receptors are expressed in a single taste receptor cell.,similarity:Belongs to the G-protein coupled receptor T2R family.,tissue specificity:Expressed in subsets of taste receptor cells of the tongue and palate epithelium and exclusively in gustducin-positive cells.,

## 研究领域 (Research Area)

Taste transduction;

## 图片 (Image Data)



Western blot analysis of lysates from SW480 cells, primary antibody was diluted at 1:1000, 4°over night

## 注意事项 (Note)

For research use only .