

产品名称: T2R7 Rabbit Polyclonal Antibody
产品货号: APRab18578



产品概述 (Summary)

产品名称 (Production Name)	T2R7 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB, ICC/IF, 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, 0.5% protective protein 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)	TAS2R7
别名 (Alternative Names)	TAS2R7; Taste receptor type 2 member 7; T2R7; Taste receptor family B member 4; TRB4
基因 ID (Gene ID)	50837.0
蛋白 ID (SwissProt ID)	Q9NYW3. The antiserum was produced against synthesized peptide derived from human TAS2R7. AA range: 47-96

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000, ICC/IF 1:200-1:1000, ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	36kDa

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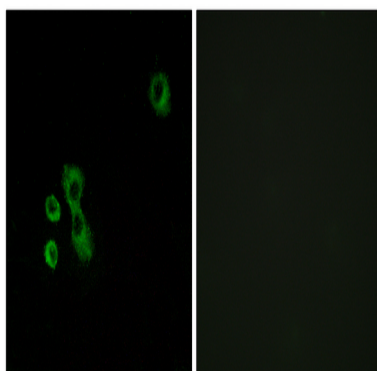
研究背景 (Background)

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. [provided by RefSeq, Jul 2008],function:Gustducin-coupled receptor 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.,

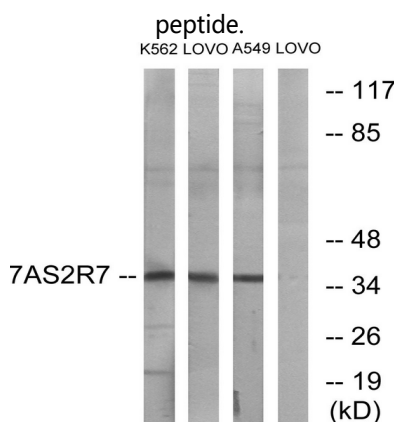
研究领域 (Research Area)

Taste transduction;

图片 (Image Data)



Immunofluorescence analysis of MCF7 cells, using TAS2R7 Antibody. The picture on the right is blocked with the synthesized



Western blot analysis of lysates from K562, LOVO, and A549 cells, using TAS2R7 Antibody. The lane on the right is blocked with the synthesized peptide.

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Western blot analysis of the lysates from HepG2 cells using TAS2R7 antibody.

注意事项 (Note)

For research use only .