

bs-9599R**[Primary Antibody]**

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TAS1R2 Rabbit pAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ICC/IF (1:100-500) ELISA (1:5000-10000) Reactivity: (predicted: Human, Mouse, Rat, Cow, Dog) Predicted MW.: 95 kDa Subcellular Location: Cell membrane
Clonality: Polyclonal		
GeneID: 80834	SWISS: Q8TE23	
Target: TAS1R2		
Immunogen: KLH conjugated synthetic peptide derived from human GPR71/T1R2: 265-370/839. < Extracellular >		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: Contributes to sweet taste receptor activity. Involved in detection of chemical stimulus involved in sensory perception of sweet taste and positive regulation of cytokinesis. Part of sweet taste receptor complex. [provided by Alliance of Genome Resources, Apr 2022]		

— SELECTED CITATIONS —

- **[IF=6.7]** Yu Shanjun. et al. Extendin-4 blockade of T1R2/T1R3 activation improves Pseudomonas aeruginosa-related pneumonia in an animal model of chemically induced diabetes. INFLAMM RES. 2024 May;;1-17 IF ;Rat,Human. 38748233
- **[IF=4.8]** Shanjun Yu. et al.Exendin-4 blockade of T1R2/T1R3 activation improves Pseudomonas aeruginosa-related pneumonia in an animal model of chemically induced diabetes.Inflammation Research.2024 Jul;73(7):1185-1201. IF ;Human, Rat. 38748233
- **[IF=2.614]** Kang C et al. L - glutamate stimulates cholecystokinin secretion via the T1R1/T1R3 mediated PLC/TRPM5 transduction pathway. J Sci Food Agric . 2020 Oct;100(13):4818-4825. WB ;Rat. 32478409