

TAS2R7 Polyclonal Antibody

Catalog Number OSR00155W

Product data sheet

Details		Species Reactivity	
Size	100 µL	Species reactivity	Human
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Immunohistochemistry (IHC)	1:300-1:2,000
Type	Antibody	Western Blot (WB)	1:300-1:2,000
Immunogen	A synthetic peptide from aa region 200-250 of human TAS2R7 conjugated to blue carrier protein was used as the antigen.	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Conjugate	Unconjugated		
Form	Lyophilized		
Concentration	Conc. Not Determined		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles. Glycerol (1:1) may be added for added stability.		

Product specific information

Glycerol (1:1) may be added for additional stability. Reconstitute in 100 µL of sterile water.

Background/Target Information

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

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