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anti-TAS2R50 antibody (AA 201-299)



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Quantity:	100 μL
Target:	TAS2R50
Binding Specificity:	AA 201-299
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TAS2R50 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Taste receptor type 2 member
	50/TAS2R50
Isotype:	IgG
Predicted Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target: TAS2R50

Target Details

Target Details		
Alternative Name:	TAS2R50 (TAS2R50 Products)	
Background:	Synonyms: T2R50, T2R50_HUMAN, T2R51, TAS2R50, Taste receptor type 2 member 50, Taste	
	receptor type 2 member 51.	
	Background: The sense of taste is essential for the survival of organisms. For example, the	
	ability to identify sweet-tasting foods enables animals to seek out food with high nutritive value	
	whereas the ability to identify bitter substances enables them to avoid the ingestion of	
	potentially harmful substances. A family of integral membrane proteins are involved in taste	
	perception and include T1R, which is involved in sweet taste perception and T2R, which is	
	involved in bitter taste perception. Both types of taste receptors couple to various G proteins to	
	initiate signal transduction cascades. Specifically, T2R50 is expressed in subsets of taste	
	receptor cells of the tongue and exclusively in gustducin-positive cells.	
Gene ID:	259296	
UniProt:	P59544	
Application Details		
Application Notes:	WB 1:300-5000	
	ELISA 1:500-1000	
	IHC-P 1:200-400	
	IHC-F 1:100-500	
	IF(IHC-P) 1:50-200	
	IF(IHC-F) 1:50-200	
	IF(ICC) 1:50-200	
	ICC 1:100-500	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	1 μg/μL	
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.	
Preservative:	ProClin	
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be	
	handled by trained staff only.	

Handling

Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months