



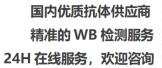
## TS1R1 Polyclonal Antibody

Catalog No	BYab-07555	
Isotype	IgG	
Reactivity	Human;Rat;Mouse	
Applications	WB;ELISA	
Gene Name	TAS1R1 GPR70 T1R1 TR1 GM148	
Protein Name	Taste receptor type 1 member 1 (G-protein coupled receptor 70)	
Immunogen	Synthesized peptide derived from human protein . at AA range: 280-360	
Specificity	TS1R1 Polyclonal Antibody detects endogenous levels of protein.	
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.	
Source	Polyclonal, Rabbit,IgG	
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.	
Dilution	WB 1:500-2000 ELISA 1:5000-20000	
Concentration	1 mg/ml	
Purity	≥90%	
Storage Stability	-20°C/1 year	
Synonyms		
Observed Band	92kD	
Cell Pathway	Cell membrane; Multi-pass membrane protein.	
Tissue Specificity		
Function	function:Putative taste receptor. TAS1R1/TAS1R3 responds to the umami taste stimulus (the taste of monosodium glutamate). Sequence differences within and between species can significantly influence the selectivity and specificity of taste responses.,online information:The taste experience -Issue 55 of February 2005,similarity:Belongs to the G-protein coupled receptor 3 family. TAS1R subfamily.,subunit:Forms heterodimers with TAS1R3.,	
Background	The protein encoded by this gene is a G protein-coupled receptor and is a component of the heterodimeric amino acid taste receptor T1R1+3. The T1R1+3 receptor responds to L-amino acids but not to D-enantiomers or other compounds. Most amino acids that are perceived as sweet activate T1R1+3, and	

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	transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jun 2010],	
matters needing attention	Avoid repeated freezing and thawing!	
Usage suggestions	<b>age suggestions</b> This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.	

Pro	oducts Images

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