



# TS1R1 rabbit pAb

Cat No.:ES11647

For research use only

## Overview

<b>Product Name</b>	TS1R1 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse
<b>Recommended dilutions</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Immunogen</b>	Synthesized peptide derived from human protein . at AA range: 280-360
<b>Specificity</b>	TS1R1 Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C . Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Taste receptor type 1 member 1 (G-protein coupled receptor 70)
<b>Gene Name</b>	TAS1R1 GPR70 T1R1 TR1 GM148
<b>Cellular localization</b>	Cell membrane; Multi-pass membrane protein.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	92kD
<b>Human Gene ID</b>	80835
<b>Human Swiss-Prot Number</b>	Q7RTX1
<b>Alternative Names</b>	
<b>Background</b>	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 this activation is strictly dependent on an intact T1R1+3 heterodimer. Multiple transcript





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variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jun 2010],



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