

## T2R48 Polyclonal Antibody

<b>Catalog No :</b>	YT4512
<b>Reactivity :</b>	Human;Rat;Mouse;
<b>Applications :</b>	WB;ELISA
<b>Target :</b>	T2R48
<b>Fields :</b>	>>Taste transduction
<b>Gene Name :</b>	TAS2R19
<b>Protein Name :</b>	Taste receptor type 2 member 19
<b>Human Gene Id :</b>	259294
<b>Human Swiss Prot No :</b>	P59542
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human TAS2R48. AA range:90-139
<b>Specificity :</b>	T2R48 Polyclonal Antibody detects endogenous levels of T2R48 protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500 - 1:2000. ELISA: 1:20000. Not yet tested in other applications.
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Molecularweight :</b>	34kD

**Cell Pathway :** Taste transduction;

**Background :** function:Receptor that may play a role in the perception of bitterness and is gustducin-linked. May play a role in sensing the chemical composition of the gastrointestinal content. The activity of this receptor may stimulate alpha gustducin, mediate PLC-beta-2 activation and lead to the gating of TRPM5.,miscellaneous:Most taste cells may be activated by a limited number of bitter compounds; individual taste cells can discriminate among bitter stimuli.,similarity:Belongs to the G-protein coupled receptor T2R family.,tissue specificity:Expressed in subsets of taste receptor cells of the tongue and exclusively in gustducin-positive cells.,

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**Subcellular Location :** Membrane; Multi-pass membrane protein.

**Expression :** Expressed in subsets of taste receptor cells of the tongue and exclusively in gustducin-positive cells.

**Sort :** 16862

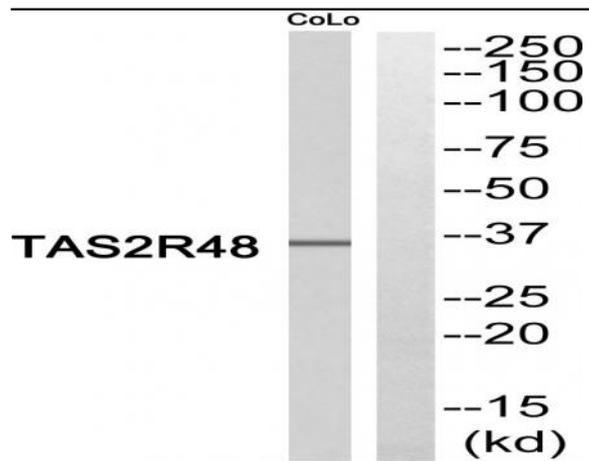
**No4 :** 1

**Host :** Rabbit

**Modifications :** Unmodified

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## Products Images



Western blot analysis of TAS2R48 Antibody. The lane on the right is blocked with the TAS2R48 peptide.