

**T2R8 rabbit pAb****Cat#: orb766421 (Manual)**

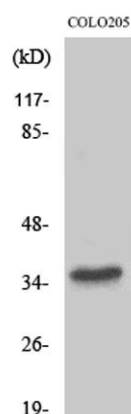
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<b>Product Name</b>	T2R8 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse;
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human TAS2R8. AA range:45-94
<b>Specificity</b>	T2R8 Polyclonal Antibody detects endogenous levels of T2R8 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 2 member 8
<b>Gene Name</b>	TAS2R8
<b>Cellular localization</b>	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

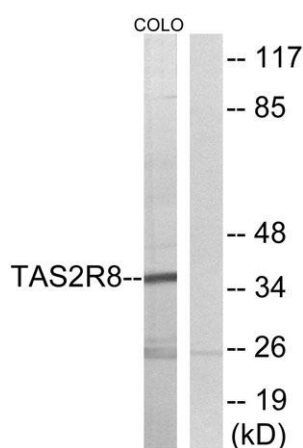
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	36kD
<b>Human Gene ID</b>	50836
<b>Human Swiss-Prot Number</b>	Q9NYW2
<b>Alternative Names</b>	TAS2R8; Taste receptor type 2 member 8; T2R8; Taste receptor family B member 5; TRB5

### Background

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. [provided by RefSeq, Jul 2008],



**Western Blot analysis of various cells using T2R8 Polyclonal Antibody**



**Western blot analysis of lysates from COLO cells, using TAS2R8 Antibody. The lane on the right is blocked with the synthesized peptide.**



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