

## T2R10 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP08748
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human TAS2R10. AA range:122-171
<b>Mol wt</b>	35395
<b>Species reactivity</b>	Human
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IF, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	T2R10 Antibody
<b>Synonyms</b>	TAS2R10; Taste receptor type 2 member 10; T2R10; Taste receptor family B member 2; TRB2

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

TAS2R10 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. TAS2R10 maps to the taste receptor gene cluster on chromosome 12p13.

### Recommended Dilution

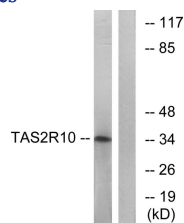
WB: 1: 500 - 1: 2000

IF: 1: 200 - 1: 1000

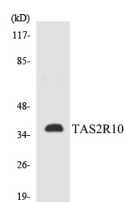
ELISA: 1: 10000

Not yet tested in other applications.

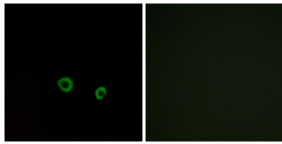
### Images



Western blot analysis of lysates from LOVO cells, using TAS2R10 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HepG2 cells using TAS2R10 antibody.



Immunofluorescence analysis of MCF7 cells, using TAS2R10 Antibody. The picture on the right is blocked with the synthesized peptide.

### Storage

-20°C for one year

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