

T2R14 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP08750
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human TAS2R14. AA range:229-278
Mol wt	36160
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, IF, ELISA
Concentration	1 mg/ml
Full name	T2R14 Antibody
Synonyms	TAS2R14; Taste receptor type 2 member 14; T2R14; Taste receptor family B member 1; TRB1

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

Background

TAS2R14 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. TAS2R14 maps to the taste receptor gene cluster on chromosome 12p13.

Recommended Dilution

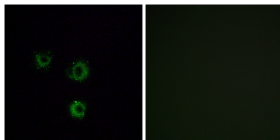
WB: 1: 500 - 1: 2000

IF: 1: 200 - 1: 1000

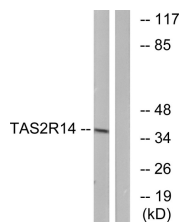
ELISA: 1: 10000

Not yet tested in other applications.

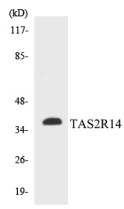
Images



Immunofluorescence analysis of MCF7 cells, using TAS2R14 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from MCF-7 cells, using TAS2R14 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from COLO205 cells using TAS2R14 antibody.

Storage

-20°C for one year

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