

T2R49 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP08764
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human TAS2R49. AA range:94-143
Mol wt	35358
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, IF, ELISA
Concentration	1 mg/ml
Full name	T2R49 Antibody
Synonyms	TAS2R20; TAS2R49; Taste receptor type 2 member 20; Taste receptor type 2 member 49; T2R49; Taste receptor type 2 member 56; T2R56

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

Background

TAS2R20 encodes a member of the taste receptor two family of class C G-protein coupled receptors. Receptors of this family have a short extracellular N-terminus, seven transmembrane helices, three extracellular loops and three intracellular loops, and an intracellular C-terminus. Members of this family are expressed in a subset of taste receptor cells, where they function in bitter taste reception, as well as in non-gustatory cells including those of the brain, reproductive organs, respiratory system, and gastrointestinal system. This gene maps to the taste receptor gene cluster on chromosome 12p13.

Recommended Dilution

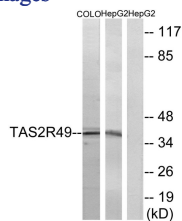
WB: 1: 500 - 1: 2000

IF: 1: 200 - 1: 1000

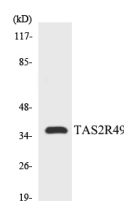
ELISA: 1: 20000

Not yet tested in other applications.

Images



Western blot analysis of lysates from COLO and HepG2 cells, using TAS2R49 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from COLO205 cells using TAS2R49 antibody.

Storage

-20°C for one year

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