

Product Name: T2R50 Rabbit Polyclonal Antibody

Catalog #: APRab18576

For research use only.

Summary

Description Rabbit polyclonal Antibody

Host Rabbit
Application WB,ELISA

Reactivity Human,Rat,Mouse
Conjugation Unconjugated
Modification Unmodified

Isotype IgG

ClonalityPolyclonalFormLiquidConcentration1mg/ml

Storage Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.

Shipping Ice bags

Buffer Liquid in PBS containing 50% glycerol, and 0.02% New type preservative N.

Purification Affinity purification

Application

Dilution Ratio WB 1:500-1:2000,ELISA 1:5000-1:20000

Molecular Weight 32kDa

Antigen Information

Gene Name TAS2R50

Alternative Names

 Gene ID
 259296.0

 SwissProt ID
 P59544

Immunogen Synthesized peptide derived from human protein . at AA range: 160-240

Background

TAS2R50 belongs to the large TAS2R receptor family. TAS2Rs are expressed on the surface of taste receptor cells and mediate the perception of bitterness through a G protein-coupled second messenger pathway (Conte et al., 2002 [PubMed 12584440]). See also TAS2R10 (MIM 604791).[supplied by OMIM, Mar 2008], function:Receptor that may play a role in the perception of

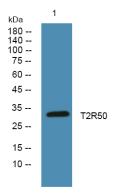


bitterness and is gustducin-linked. May play a role in sensing the chemical composition of the gastrointestinal content. The activity of this receptor may stimulate alpha gustducin, mediate PLC-beta-2 activation and lead to the gating of TRPM5.,miscellaneous:Most taste cells may be activated by a limited 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.,

Research Area

Taste transduction;

Image Data



Western blot analysis of lysates from PC12 cells, T2R50 Rabbit Polyclonal Antibody was diluted at 1:1000, 4°over night

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