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T2R41 Rabbit pAb

Catalog # AP96584

Product Information

Application	WB, E
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	36 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human T2R41
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	PBS containing 50% Glycerol, and 0.02% Proclin300.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene encodes a member of the bitter taste receptor family which belong to the G protein-coupled receptor superfamily and are predominantly expressed in taste receptor cells of the tongue and palate epithelia. This intronless taste receptor gene encodes a seven-transmembrane receptor protein, functioning as a bitter taste receptor. This gene is clustered together with eight other taste receptor genes on chromosome 7. Chloramphenicol is an agonist for the encoded protein. [provided by RefSeq, Jul 2017]

Additional Information

Gene ID	259287
Other Names	T2R41; T2R59; taste 2 receptor member 41; taste receptor, type 2, member 41
Dilution	WB=1:500-1000,ELISA=1:5000-20000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Name	T2R41 Rabbit pAb
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 (By similarity).gustducin, mediate PLC-beta-2 activation and lead to the gating of TRPM5.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.