

T2R41 Rabbit pAb

Catalog # AP96584

Product Information

Application	WB, E
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.